Holstein-Friesian

March 26, 1960

WORLD

THE NEWSPAPER OF THE BREED

UNIVERSITY MICROFILMS 1-51C
313 N. FIRST ST.
ANN ARBOR, MICH.

CARNATION MADCAP BUTTER BOY 1152252 (EX-96-SMT)
1951 — 1960

IN THIS ISSUE

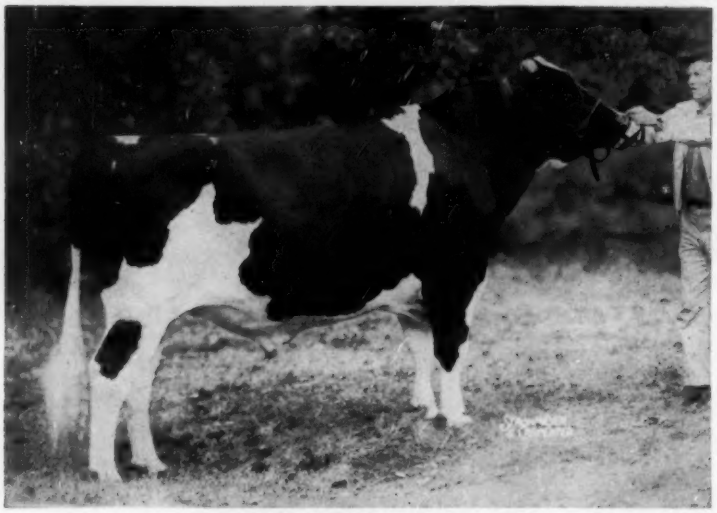
Improving Our Dairy Herd — Legates
1959 Ecuador Holstein Show — Morris
Gold Medal Dams XIII
Michigan, Wisconsin, California State Meetings

DIAMOND JUBILEE
OF
THE HOLSTEIN-FRIESIAN
ASSOCIATION OF AMERICA
1885–1960

AGAIN WE ASK –

Do You Need Help "Across the Board?"

DAMS OF BOTH OUR HERD SIRES EXCELLENT IN EVERY CATEGORY



BRAUNS SULTAN

"Sultan" was born Oct. 8, 1956 – he is our son of Wis Leader from Meldomar Comet Doreen who is a 95 point Excellent, Excellent in every category.

"Doreen" is considered by many breeders to be the greatest daughter of Pabst Comet (VG-GM). She was a member of "Comet's" Res. A.-A. Get of 1953, was grand champion, Ohio, 1955. Her records:

365d	7½y	3X	23935	3.8%	916.0
333d	5½y	3X	22191	4.0%	883.0
305d	5½y	3X	21135	4.0%	838.7
365d	4½y	3X	20852	4.1%	860.5

1st 6 lacts.: 108,461 M 4,316 F

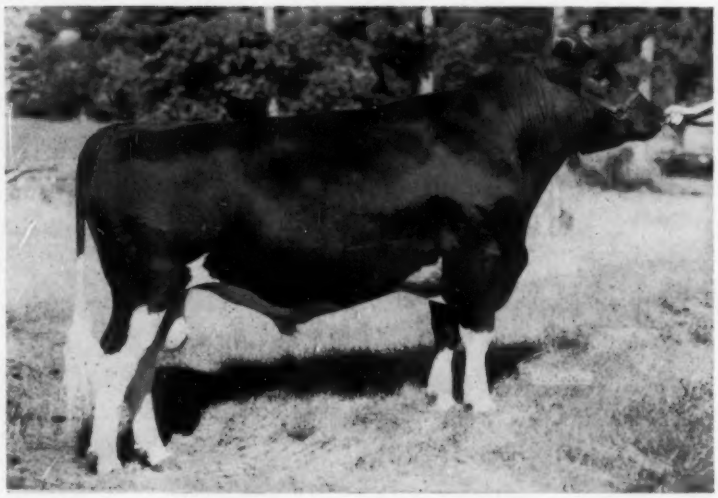
Dam of Brauns Leader Dora (full sister to "Sultan,") VG-89 at 3 years, and 764 F. – 3y3m.

"Masterpiece" was born Oct. 6, 57—is our handsome son of Pabst Comet (VG-GM) from Detert Beacon Inka Mistress (EX-93 points – also Excellent across the board). She was 4th prize dry aged cow at the 1959 Wisconsin State Fair, 3rd aged cow (dry) at Waterloo, 1957; 3rd 4-yr-old in milk, Canadian Royal, 1954; 4th aged cow, Chicago, 1957. Her records:

365d 7y 3X 25619 4.7% 1211
(2d place in Wisconsin – AR and 1st place in herd test – 3X)
First place on 1958 Honor List for fat.

365d	6y	3X	23721	4.6%	1086
365d	5y	3X	21083	4.7%	987

Also 804 F. 4y. 3X and 700 F. 3y 2X
1 dtr. with 579 F. 2 yrs. 2X



BRAUNS MASTERPIECE

Sons of "Sultan" and "Masterpiece" available from dams with 1000-lbs. Fat.

Frozen semen from both sires at
10 ampules for $200; 25 for $375; 50 for $500
(plus $15 shipping cost)

Braun's Sunny Lea Farm

Accredited – ROUTE 7 – Certified

WAUKESHA, WISCONSIN

Four Miles East on Davidson Road

Those Magnificent Maestros

MAESTRO DAUGHTER

OSBORNDALE STANDARD SUNRAY

She Has The Skin
You Love To Touch

"Aren't They Magnificent!" Is The Comment Which Many Visitors Make . . . And We Can Agree Most Sincerely.

They Have Extreme Dairy Character, Pleasing Conformation And Impressive Udders.

Wis Maestro Is A Bull With A Future

A MAESTRO UDDER

The udder of OSBORNDALE STANDARD SUNRAY at close range.

Calf VAC. ACC. BERNARD McGINNIS, Herdsman

A Son of "Princess" by Rosafe Sovereign Supreme !

HIS "EXCELLENT" DAM

RICH-HERD MADCAP PRINCESS
Excellent - 91
Grand Champion Richmond B & W Show, 1955.
Now over 130,000 lbs. milk.

9-2	365d	20042	3.7	747
8-2	357d	19330	3.8	734
7-2	357d	23390	3.7	872
6-1	357d	19192	3.8	734
5-11	365d	18716	3.8	709

(all 2X)

Princess has proven herself to be quite a brood cow through her sons:

RICH-HERD MADCAP PRESIDENT (EX-93)
Nominated All-American as a bull calf and senior yearling. Sold to Sr. Galo Plaza, Quito, Ecuador. He completes 3 direct generations of Excellents.

RICH-HERD MADCAP PRINCE (VG-88)
Silver Medal Type. Used by Frank Lillywhite and Brigham Young University.

RICH-HERD MADCAP PROJECTOR
Sold to Excelsior Farms, Corona, Calif.

RICH-HERD REFLECTION MADCAP
Born Jan. 5, 1960
About ¾ black, stylish, box-car rump. Looks much like "President," his maternal brother that was Hon. Men. All-American. 10 of his 14 nearest ancestors are classified and 9 of the 10 are Excellent. The best records of his 6 nearest dams average 939 lbs. fat, 3.8%, 24,987 lbs. milk!

BETTER WIRE OR PHONE!

RICH-HERD RANCH

GRANT RICHARDS

Rt. 1, BOX 154, AMERICAN FORK, UTAH

(Phone: SK 6-2005)

RICH-HERD MADCAP PREFERRED
Sold to T. J. Klump, Fairhope, Ala.

RICH-HERD MADCAP PEERLESS
Sold to Tom Yardley, Gunnison, Utah. She also has a 2-year-old milking dtr. going well over 500 lbs. fat.

Princess' sire is Carnation Governor Madcap, a son of Governor of Carnation out of Carnation Ormsby Madcap Fayne, former world record milk champion with 41,943 lbs. Her sire was Trilby Hokum Illa May of Willowdale — Excellent.

HIS "EXCELLENT" SIRE

ROSAFE SOVEREIGN SUPREME (EX)

5 dtrs. avg.	13257	4.02%	524
5 dams avg.	12213	3.75%	456
	+1044	+.27%	+68

10 classified daughters are 100% GP or better — 3 VG, 7 GP.
3 EX and 1 VG sons.
6 All-Canadian, 2 Reserve and Hon. Men. offspring.

One of his sons topped the 1959 Sale of Stars at $12,000 (Browndale Johanna Supreme). A daughter was top selling female at the same sale ($4200 — Sheffield Supreme Helen).

This bull is a son of ABC Reflection Sovereign who has 17 Excellent, 45 VG and 98 GP daughters, plus 10 Excellent and 27 VG sons.

His dam is a granddaughter of this same bull.

"Supreme" was used by Sheffield Farm, St. George, Ont. and chosen by Dr. Astengo to follow his illustrious sire, ABC Reflection Sovereign at Rosafe Farm.

Holstein-Friesian World

The Newspaper of the Breed

Vol. 57, No. 6 March 26, 1960

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April 9, 23; May 14, 28, 1960

News and advertising forms close 19 days in advance of publication dates. Advertising rates upon application.

Telephone Sandy Creek, N. Y. 3301

Office located at Sandy Creek in the Corse Press Bldg.

The Cover . . .

As announced in our preceding issue, Carnation Madcap Butter Boy 1152252 (EX-96-SMT) died February 28 at Carnation Milk Farm, Carnation, Wash., where he was bred and owned throughout his life. At Carnation he has 32 daughters in milk, 39 younger heifers not yet in production, and 82 head in calf or serviced by him.

Born May 21, 1951, Butter Boy was custom bred by Carnation for a future herd sire, being the result of mating Carnation Imperial Madcap Lad (VG-GM) with Frasea Butter Girl Wayne (EX). His achievements are well known but, in view of the many great cows to which he has been bred--at Carnation and elsewhere--it is probable that the Butter Boy saga is just beginning to unfold.

Records - - -

Penstate Lucifer Josie Betsy 327-9561 (VG), bred and owned by Pennsylvania State College, University Park, has completed her second record above 20,000 lbs. milk and 1000 lbs. fat. Her latest — 6y 10m, 365 days, 3X, 21,747 lbs. milk, 4.8%, 1047 lbs. fat. As a sr. 4-year-old, also on 3X HIR, she made 20,948 lbs. milk 4.8%, 1003 lbs. fat, and she has 17,465 lbs. milk, 820.6 lbs. fat as a j4. 3-year-old.

Betsy is a daughter of the well known Lauxmont Admiral Lucifer (VG-SMP) and Penstate Marksman Josie Betsy (VG). A Betsy son has been used by Robert C. Groff, Quarryville, Pa.

Vermont

A new HIR champion for Vermont, regardless of age or times milked, has been announced. She is Mallary Abbekerk Katrina 3275006 (GP), bred and owned by Mallary Farm, Bradford, Vt. Katrina's record at 8y 4m in 365 days 2X is 26,480 lbs. milk, 4.3%, 1138 lbs. fat. This follows previous official records of—

2-2	365	3X	17,072	3.6	611.2
3-4	365	3X	21,203	3.7	774.3
4-7	330	3X	18,511	3.5	654
5-8	306	2X	13,699	3.6	499
6-10	365	2X	19,199	4.4	852

Katrina is a daughter of the Vermont 3X mature champion, Mallary Farm Posch Karen (GP-GMD), with 26,202 lbs. milk, 3.9%, 1025 lbs. fat. In class she displaces a stablemate, Mallary Excel Lulu (GP), who has 24,032 lbs. milk, 1125 lbs. fat. Lulu and Katrina are Vermont's only 1100-lb. fat cows. The sire of Katrina was Mallary Farm Rag Apple Triumph (VG-SMP).

MALLARY ABBEKERK KATRINA (GP)
Vermont Champion in HIR regardless of age or times milked with:
8-4 365 2X 26,480 4.3 1138
Her dam is Vermont HIR Champion in the mature 3X division with 1025 lbs.

Island Farm Winterthur Ona 3707-424 (VG), bred and owned by Island Stock Farm, Whitehouse, N. J., is reported in HIR at 6y 3m in 365 days 2X with 28,550 lbs. milk, 3.7%, 1059 lbs. fat. She has previous HIR 2X records to 19,950 lbs. milk, 3.8%, 759 lbs. fat in 304 days. This big producer is a daughter of Winterthur Alert Select Ember (VG), one of the several proved sons of Winterthur Select Nebska Vamalo (GP). Ember sold in the 1955 Glenelg Farm Dispersal in New Jersey to the Massachusetts Se-

(Please turn to page 6)

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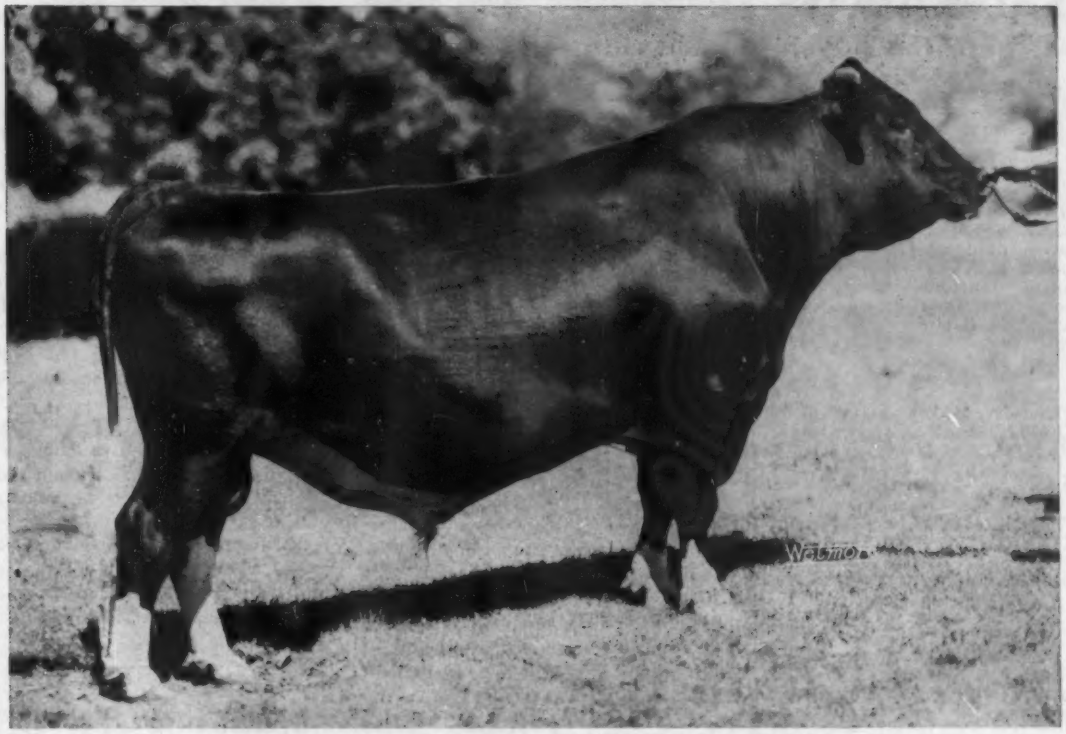
They're Growing Up

Reward's Oldest Calves Are One Year Old This Month



WIS REWARD - The Bull With The Golden Pedigree

Pictured Below Is Reward's Famous Cow Family. Few Bulls Today Come From Such An Outstanding Family of Cows

REWARD'S DAM

WISCONSIN VENUS
Excellent - Gold Medal
9y 365d 3X 24227M 3.9% 946 F
Lifetime 208591M 3.7% 7713F

REWARD'S FULL SISTER

WIS VANITY "EX"
4y 365d 3X 24115M 815F
Dam of GM Sire and SMT son.

REWARD'S FULL SISTER

WIS VIETTE "EX"
2y 365d 3X 18060 3.8 687 F
4y 365d 3X 20639 3.8 789 F
Dam of VG dau. with 20059M 710F at 2 yr.

Reward calves are very uniform, typy and good size. We have several Reward sons from Very Good and Excellent cows with up to 800 lbs. fat on 2X.

Special Offer — 25 real nice 2-year-old heifers due to freshen in 30 to 60 days. Also 25 heifers due from July to September. All are calfhood vaccinated and very good individuals. If you are looking for something extra nice, these heifers will please you, and they are priced right.

Green Meadow Farms

Phone: Union 2-4389 — *Elsie, Michigan* — **Phone: Union 2-5009**

"Where the latch-string is always out"

IMPORTANT SALES DATES

"Where the Buyer must be satisfied"

Easter Monday, April 18, at 10:00 a.m.
HAYS 2d ANNUAL 4-H CALF CLUB SALE, approximately 200 calves, including Holstein, Jersey, Guernsey, Ayrshire, Aberdeen-Angus, Herefords, Scotch Shorthorns and Dual Purpose Shorthorns. At Hays Sales Arena, Oakville, Ont.

Thursday, MAY 19, at 1:00 p.m.
ELEVENTH ANNUAL OXFORD UNIT SALE at Woodstock, Ont.

Tuesday, MAY 24, at 12:00 noon
CANADIAN NATIONAL HOLSTEIN SALE at Hays Sales Arena, Oakville, Ont.

Friday, OCT. 7, 1:00 p. m.
Fifth KEMPTVILLE UNIT SALE to be held at the Coliseum, Ottawa, Ont.

Thursday, OCT. 13, at 1:30 p.m.
FOURTH OXFORD UNIT "A.I. QUALITY CLASSIC" at Woodstock, Ont.

Monday, OCT.17, at 12:00 noon
18th ALL CANADIAN HOLSTEIN SALE at Hays Sales Arena, Oakville, Ont.

Tuesday, OCT. 18, at 1:00 p.m.
CENTRAL ONTARIO UNIT SALE at Hays Sales Arena, Oakville, Ont.

Wednesday, NOV. 16, a.m.
HOLSTEIN SALE OF STARS (place to be announced)

Monday, DEC. 5, at 1:00 p.m.
HAYS 13th ANNIVERSARY SALE at Hays Sales Arena, Oakville, Ont.

All Under Management of

HAYS FARMS LTD.

SALE MANAGERS

OAKVILLE - Box 490 - ONTARIO

RECORDS (from page 4)

lective Breeding Assn. for $5500 but died shortly thereafter.

Dam of this 1059-lb. cow is Island Farm Aristocrat Ona (GP), a daughter of Newmont Aristocrat (EX-GM). Island Stock Farm is owned by Reeves Schley.

EXRANCO DINAH BURKE TULIP 4178690 (GP-83)

As reported in the Feb. 27 **World** she leads California HIR Holsteins with:

2-9	365	2X	19,111	4.5	852

She replaced Exranco Gettie Boon Matador 2734346 (VG) in class — the latter grand old matron still producing at 14 years, both bred and owned by Excelsior Farms, Corona, Calif.

Jomahado Ellen Duke 3072116 (GP), owned by Edwin V. Ressler, Lebanon, Pa., is reported in HIR at 9y 11m in 358 days 2X with 25,531 lbs. milk, 4.1%, 1039 lbs. fat. Bred by John A. Conley, Earlville, N. Y., this new 1000-lb. producer is by Riverflat Estellus Duke, an E. P. Smith bred son of Skokie Supreme Duke, and is out of Jamahado Chariss Resolute Design. She is the 350th Holstein to produce more than 1000 lbs. fat in HIR.

Massachusetts

Cooper Hill Dutchland M-O-W 381-9579 (VG), bred and owned by J. A. & A. J. Malnati, Ashley Falls, Mass., is HIR State Champion sr. 4-year-old with: 4y 10m, 365 days, 2X, 22,370 lbs. milk, 4.6%, 1038 lbs. fat. She is a daughter of Cooper Hill Man-O-War (SMP) and Jeacledale Burke Dutchland (VG).

She displaces in class Aloisi Farm Alice Pride 3204629 with 21,147 lbs. milk, 932 lbs. fat, a cow bred and owned by Leo Aloisi, Northampton, Mass.

The Dutchland cow's previous official records:

2-4	330	2X	13,590	4.1	551
3-5	365	2X	18,584	4.4	811

Elderhill Blackie Burke 3760838 (VG), owned by W. D. Friesen, Marion, S. D., is reported at 5y 1m in 365 days 2X with 25,753 lbs. milk, 3.9%, 1002 lbs. fat, HIR. This follows this remarkable performance in her first three lactations, all HIR:

2-0	357	2X	18,605	4.2	786
2-11	307	2X	12,798	4.6	592
4-0	365	2X	21,900	4.2	920

Bred by Folmer C. Hansen, Cedar Falls, Iowa, this cow is a daughter of Kyland Premier (EX-SMT) and Elderhill Rag Apple Burke. She holds second place in the South Dakota 2X HIR, mature class. Her jr. 2-year-old record was first in class for the state until very recently, and her jr. 4-year-old performance is still high in its class for the state.

Missouri

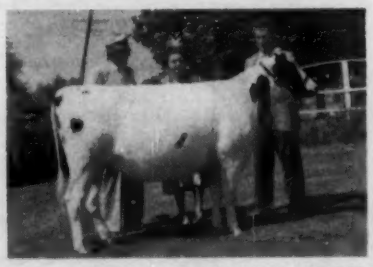
Lone Elm Raven Lass 3994015 (VG), owned by A. L. Hartzler and bred by O. J. Hartzler, both of Harrisonville, Missouri, is HIR State Champion jr. 4-year-old with, at 4y 3m, 340 days, 2X, 23,296 lbs. milk, 3.8%, 880 lbs. fat. Lass is a daughter of Weber Hazelwood Burke Raven (EX-GM) and Bristol Johanna Ormsby.

In class she displaces Paganok Fancy Posch Perfection 2027324 with 18487 lbs. milk, 878 lbs. fat, so the new champion just made it to the tune of two lbs. fat. The Perfection cow was owned by Scott Meyer & C. G. Riehn, Palmyra.

CARNATION SKYLARK VIOLET 3528112 (GP)

6-10	365	3X	25,137	4.9	1220	AR
5-5	365	3X	22,343	4.6	1027	AR

Bred and Owned by Carnation Milk Farm, Carnation, Wash., this Revelation daughter's 6-year-old record was reported on page 133, March 12, 1960 **World.**



GLENAFTON NETTIE PATSY PIETJE G (VG)

3y	305	3X	23,567	3.5	815
2y	365	3X	19,443	3.7	726

This daughter of Rosafe Centurion (EX) has completed these fine records in the Glenafton herd at Alliston, Ont. Her dam is Glenafton Laurel Patsy Pietje (EX) with a life total of 132,614 lbs. milk, 4.2%, 7,677 lbs. fat.

ROSAFE MAGICIAN 1138451

EXCELLENT

GOLD MEDAL

HIR Proof: Dec. 1959

130 daughters	14,109M	3.80%	535F.
117 Prs. Dtrs.	14,098M	3.80%	536F.
Dams	14,423M	3.86%	556F.

American Reg Applos

Canadian Reg Applos

His Type Transmitting Ability — Proved To Perfection

306 Daughters In Over 60 Herds Average 82.4 Pts.

1 Excellent, 79 Very Good, 187 Good Plus
36 Good, and only 3 Fair

A Fantastic Improvement Over The Breed Average In Every Point Of Breakdown

	Final	G.A.	D.C.	B.C.	Mam.	F.U.	R.U.	L & F	Rump
Magician Daughters	82.4	82.7	85.2	85.4	82.6	81.9	83.5	81.1	83.7
Breed Average	79.4	79.9	84.4	83.5	78.9	78.8	80.3	78.5	80.7

If It's Type Improvement You Need
Don't Hesitate Another Day
Choose To Breed The "Magician" Way

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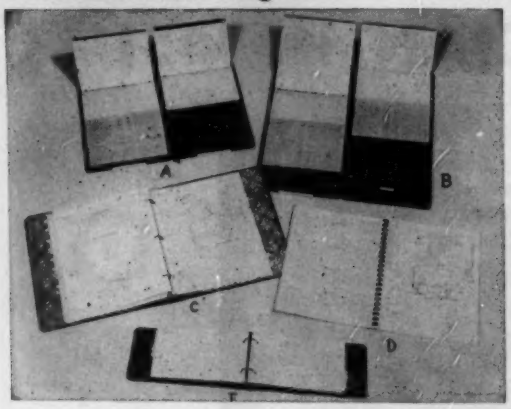
Box 1015

Noba, Inc.

Holstein Herd Registers — *a Nasco Exclusive*



This line of Holstein herd registers developed by the H-F WORLD is now owned exclusively by NASCO. They are described in more detail in our 1960 NASCO Holstein Catalog. Send for your free copy today.

(A) World Visible Herd File (HOL 172-56), $17.15. Holds 4-page forms for 56 animals. 100 forms provided. Wt. 8 lbs. Extra forms, per 100 (HOL 172-A), $5.50.

(B) World Visible Herd File (HOL 171-108), $29.60. Same as (A) but with a capacity of 108 animal forms. 200 forms provided. Wt. 10 lbs.

(C) World Master Herd Register (HOL 170), $7.50. A 3-ring loose leaf binder, 11½ x 9", with 100 forms. Wt. 2 lbs. Extra forms (HOL 170A), per 100, $2.00; per 50, $1.50.

(D) World Standard Herd Register (HOL 169), $2.50. A plastic bound (not loose leaf) herd register, 11½ x 9" with forms for 50 cows. Wt. 1½ lbs.

(E) World Pocket Herd Register (HOL 168), $5.00. An 8¼ x 5¼" 2-ring loose leaf binder with 100 forms. Wt. 2 lbs. Extra forms (HOL 168A), per 100, $1.50.

SAMPLE FORMS SENT FREE ON REQUEST

NATIONAL AGRICULTURAL SUPPLY CO. FORT ATKINSON, WIS. Phone: JO 3-2446

Master Standard Daughters — — Show Great Promise

BAIRDLEA MASTER STANDARD 1256464 (VG-86)

Sons and Frozen Semen Available

They are extremely uniform
A ROYALLY BRED SIRE

Master Standard is a son of Pinwood Master Designer by Dunloggin Melcross, son of Dunloggin Golden Cross and out of Dunloggin Mistress Melody daughter of Elenora. His (VG) dam with 994.8 lbs. of fat is the highest record daughter of Dunloggin Standard (VG-SMP), full brother to Admiral Lauxmont, by Admiral Ormsby Fobes Again and out of New Year Belle.

HIS MATERNAL SISTER

BAIRDLEA EMPEROR LUCY 3000093 (VG-89)

A DAUGHTER

BAIRDLEA STANDARD DORA 4322429 (GP)

P. M. BAIRD & SONS **Bairdlea Farms** CHESTER NEW YORK

Canadian Champion Sr. 2-year-old

BONHEUR VERA PABST (VG)
Sr. 2y 305 2X 18,107 3.8 686
First in Canada for fat, fifth for milk in class. This daughter of Pabst Walker Ollie is owned by William Stone, Blackwater, Ont. Vera made 20,290 lbs. milk and 774 lbs. fat in her 365 days.

South Dakota

Starbeam Rose Sue 4853504 (G), owned by Marvin Buller, Dolton, South Dakota, is HIR State Champion jr. 2-year-old with: 2y 2m, 365 days, 2X, 21,753 lbs. milk, 3.8%, 820 lbs. fat — quite a record for a heifer her age. She was bred by Ernest Janert, Mitchell, S. D., and is a daughter of USM and Klav C O E Lad (GP) and Testholm Senator Burke Rose.

She displaces W. D. Friesen's Elderhill Blackie Burke whose former state record performance was 18,605 lbs. milk, 786 lbs. fat. Blackie Burke has just finished as a 5-year-old with 25,753 lbs. milk, 3.9%, 1002 lbs. fat in 365 days HT on 2X.

New York

Nuway Hilda Mutual 2342278 (EX), owned by Ridgely Farms, Stone Ridge, N. Y., is HIR State Champion for 16-year-olds with this newly announced record: 16y 3m, 354 days, 2X, 20,324 lbs. milk, 3.7%, 745 lbs. fat. One of Ridgely Farms' well known "Nuway" cows bred by D. W. Morris & Sons, West Winfield, N. Y., Hilda Mutual is by Osborndale Sir Rag Apple (GM) and from Nuway Inka Mutual.

In class Hilda Mutual displaces Tyler Farms Posch Carrie 1789226 (EX) with 17,310 lbs. milk, 710.5 lbs. fat. She was owned by John H. Holser, Troy, N. Y.

Indiana

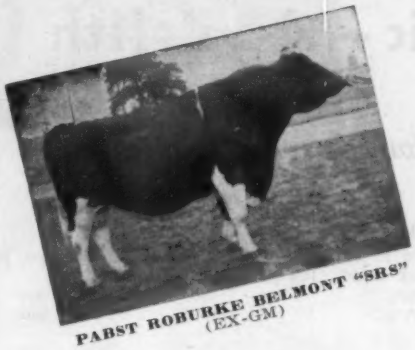
Wood-Jon Champion Fay 4107044 (GP), owned by Emra G. Stookey, Milford, Ind., is HIR State Champion for jr. 3-year-olds with this recent record: 3y 5m, 365 days, 2X, 19,111 lbs. milk, 4.0%, 764 lbs. fat. Bred by Wood-Jon Farms, Valparaiso, Ind., she is by Skokie Golden Champion and out of Frejon Countess Inka Belmont Fayne.

She displaces a University of Notre Dame cow in class, Notre Dame Admiral Piebe 3265771 (GP), with 18,428 lbs. milk, 762 lbs. fat.

A Senior Sire — Pabst Roburke Belmont (EX-GM)

(On Lease to COBA)

His frozen semen available through COBA, Columbus, Ohio. Write for prices and complete information.



PABST ROBURKE BELMONT "SRS" (EX-GM)

His Sire: Pabst Roamer (EX-GM)

His Dam: Pabst Burke Belcorn Eyebright (EX)

Records to 741 Lbs. Fat

PABST ROBURKE BELMONT (EX-GM) now has 76 classified offspring which average 81.9 points. There are 2 "EX," 17 "VG," 40 "GP" and 17 "G" - 78% Good Plus or Better. They score extra high in General Appearance, Dairy Character, Body Capacity, Rear Udders and Rumps.

Classification:

Pabst Roburke Belmont has 2 "EX" offspring, a son, Grassyside Roburke Joe, in service in Kentucky and SanMarGale Roburke Holwyn Miss, one of our "EX" cows with an "EX" mammary system. Miss was 1st 3-yr-old, Grand Champion, Best Udder Winner, and member of Best 3 Females at the Southwestern Ohio B & W Show in 1958. Another one of our Roburkes, SanMarGale Roburke Perfection scored "VG-88" with an "EX" mammary. She is from our great old Leader daughter that came from Imigs from the Rosie family. Perfection's maternal sister has 2 "EX" daughters. Other "VG" Roburkes include: SanMarGale Roburke Lady from our No. 55 Family; SanMarGale Roburke Annie — her daughter by Whirlwind is a state leader sr -3-yr-old for milk and fat; SanMarGale Roburke Dee; SanMarGale Roburke Alfa; SanMarGale Roburke Dazzle; and SanMarGale Roburke Gaiety, last daughter of Creston Rag Apple Gaiety, "EX" daughter of Montvic Rag Apple Chief.

There are also many "VG" daughters of Roburke in the Wolfe herd in Kentucky, including Sue at 88 pts. and Creater with 87 points, both with "EX" rear udders.

Roburke now has many daughters either fresh or nearly ready to freshen from artificial service and we feel that his daughters will be an improvement over most of the dams. We look for many more Very Goods and Excellents as the Roburke daughters mature.

Production:

Roburke has 38 daughters in the SanMarGale herd that have completed at least one record in HIR. Only 3 have failed to produce at least 400 lbs. in one lactation. Of these three, two were only given this chance as 2-yr-olds and the other had an udder injury. Thirty-five Roburkes have over 400 fat; 25 of these have passed the 500 lb. mark; 9 of these have over 600 lbs. and 3 have over 700 fat with one of these now making a record over 800 fat.

We have several good bulls for sale at the present time up to service age. They are sired by our 4 "Excellent" herd sires— Wis Whirlwind (EX-SMT); Pabst Roburke Belmont (EX-GM); Bollman Burke M-O-W (EX) and Bollman SanMarGale Sensation (EX). Call or write us today.

Latest Classification - - 13 "EX", 31 "VG", 88 "GP", and 23 "G"

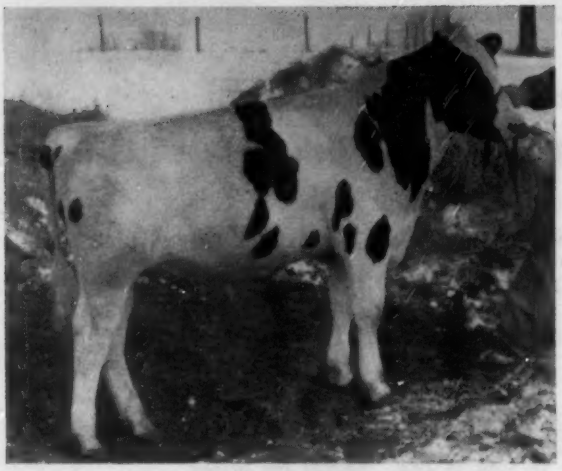
155 Head Average 83.0

SanMarGale FARMS

- RALPH STOLLE *Owner*
- JACK HOLTZAPPLE *Manager*

LEBANON, OHIO Phone 5-2606

Buy This 912 Lb. Fat Son of "Master"
in The Wolverine Classic — April 11th



HIS GOLD MEDAL SIRE

Creston Admiral Lauxmont

Born April 28, 1959

Sire: BUDD FARM LAUXMONT MASTER (VG-GM)

Now in service at Creston Farms — owned jointly with Joe Canby and Jack Budd. His proof:

22 Dtrs. Avg.	34 rec.	14036	4.27	600
22 Dams Avg.	97 rec.	15055	3.76	566
		—1019	+.51	+34

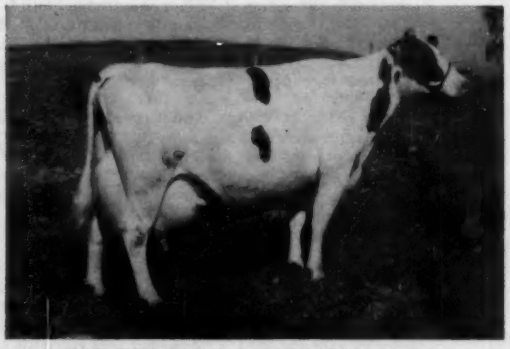
Dam: CRESTON TRIUNE GEANETTE B (VG)

6y	365d	2X	24060	3.8%	912.0
		New record in Progress:			
7y	302d	2X	19372	3.6%	702.0

She is a daughter of Creston Rag Apple Triune (VG) out of Lauxmont Admiral Geanette (VG) with 18,916 lbs. milk and 684 lbs. fat at 3y.

HIS "VG" 912-LB. FAT DAM

BUDD FARM LAUXMONT MASTER (VG-GM)
Please refer to page 17 of your Feb. 13 WORLD for detailed information about him. He has three daughters to date with 1015 to 1123 lbs. fat. A consistent sire of high test.



CRESTON TRIUNE GEANETTE B (VG)
6y 365d 2X 24060 3.8% 912.0
Has 19,372 lbs. milk, 702 lbs. fat in 302d of her 7-year-old lactation. Daughter of Creston Rag Apple Triune from a VG 684-lb. fat daughter of Admiral Lauxmont.

Also Consigning This "Ace" Daughter from our "Victoria" Family!

CRESTON MISS ABBEKERK (Selling)

Creston Miss Abbekerk

Born Mar. 3, 1958

Sire: BUDD FARM MASTER ACE (EX)

Son of "Master" from "Duchess Anna," EX-94 Gold Medal dam of the 1487-lb. "Donna" and 3 other daughters with 922 to 1015 lbs. fat!

Dam: CRESTON L S VICTORIA

2y 343d 2X 14254 4.0% 566

She is a daughter of Creston Lucky Strike (GM) from famed Franlo Chieftain Victoria, direct line descendant of Montvic Rag Apple Colantha Abbekerk. A **GREAT** family! Bred to Budd Farm Lauxmont Master and due in July.

Frozen semen from BUDD FARM LAUXMONT MASTER now available.

Creston Farms

BUTH BROS. * COMSTOCK PARK, MICH.

ZIMMERMAN BELSTAR ROYAL SEELY
29,980M 4.2% 1248F at 4-10
Also 937f, 3.7% 2y and 1010f, 3.8% 3y. All three National Records. Dam has 3 records over 1000 fat and up to 1197F. A maternal sister to Sheila.

PLEASE READ THIS AD

ZIMMERMAN BESTAR ROYAL SHEILA
Made 4 National Records - Records to 1137 fat. Honor List Leader 3 consecutive years. Her dam with 1197 fat made Nat. Record. Her maternal sister is Seely, pictured. Her son, Pilot; her sire, Beach; and her two grandsires, Ideal and Royalist, are our 4 present herd sires.

We realize this is a rather long Ad. We hope you will take the time to read it and to think some about it. We will try to explain that you will progress faster by adding Star blood to your herd and that you can do so and be sure of getting good results.

The main problem in breeding better cattle is to find those animals who have the ability to transmit a high level of production practically every time.

Every so often an animal is born who combines all the best qualities of its ancestors, and is an outstanding individual. Most of these animals will not transmit their own greatness but only the average of their ancestors. A very few will have the ability to transmit their own greatness because their germ plasm is relatively pure for those outstanding characters.

It is very hard to determine which these purer animals are. Just because they have a few outstanding offspring, it is not definite proof it was due to their transmitting. It could be due to a lucky nick, and neither they nor their offspring may ever produce similar results. Also just because they have some mediocre offspring does not mean that they transmit that mediocrity, as it could be due to the other parent.

The only way to determine what an animal really transmits is to line-breed. Linebreeding will produce some animals who show the best characters. However, and most important, linebreeding will also produce animals who have the poorest characters. It is the poorest animals that prove how great the transmitting ability is and not the best ones, as most advertisements seem to imply. The poorest animals show the poorest characters that are transmitted.

This means that one can select from a linebreeding program and not get any poorer transmitting ability than the poorest animals that linebreeding program has produced. This is absolutely impossible in selecting from an outcross breeding program, regardless of how outstanding the results may seem. The poor characters can remain hidden for many generations and will not appear until they are combined with the characters in another herd. It is virtually impossible for characters to remain hidden in a linebreeding program, especially if it is carried on for several generations.

About 20 years ago we were fortunate in securing what we felt were two outstanding cow families and an outstanding sire. We felt it would be a big mistake to dilute the blood of these families with some other bloodline. After thoroughly studying results, it didn't seem as if they had the consistent high production transmitting ability of these families. This is why we decided to line-breed.

Most of you know the results since then. We are the only herd to make 3 herd averages over 700f on an actual basis. Now on the new HIR 2X 305d basis, the last 3 years have been over 697f, and no other herd has made 2 successive averages that high. We have had more national champions and honor list leaders in one milking frequency than any other herd in the last several years. However most important, is that our poorest cows prove just how consistent these families are for transmitting high production and test. In the last several years, our poorest 2-yr. old has made over 600f on 3X, equivalent to over 500f 2X. We have not culled a single heifer for low production or test. Our test average is close to 4% and we do not get any animals who will not test 3.6% at least for one year, and very, very few under 3.8%. So the lowest production these families transmit is 600f at 2 yrs. on 3X and 3.6%.

Many people ask how these families work when crossed with other families. Several years ago we started artificial insemination with our sires in herds around here. It was with the express purpose of proving that these herds would get much better cows than from other sources. All these herd owners now say that they are getting much better cows than they got from the other sources. Also they don't get any that are too poor to keep. Just about every herd is getting from a 50-pound to a 100-pound increase and they are getting nicer cows, too.

This same consistent transmitting ability is also shown by the bulls we sell. We sell all our bulls and about 70% are sold to repeat customers. This is probably the highest customer loyalty rate of any breeding program. It shows the people like what they get.

At the present time we have several young bulls available born since July. There is also frozen and fresh semen available from our 4 proven sires at $5.00 per ampule. Write today for information.

ZIMMERMAN DAIRY FARM

L. A. and J. A. Zimmerman — Lehighton, Pa.

Phone: Mantzville 127R23

Six HIR Herd Averages Over 697 Lbs. Fat

366th EARLVILLE SALE

Earlville, N. Y. — Wed. — April 6

Earlville is on Route 12-B at the Madison-Chenango County line; 40 miles southeast of Syracuse; 30 miles southwest of Utica; 50 miles northeast of Binghamton. Sale in comfortable pavilion; hot dinner or lunch available at noon, Sale starts at 11 a. m.

125 Registered Holsteins

Cows - Heifers - Yearlings - Calves - Bulls

Many are fresh or closeup, including a number of first-calf heifers. HEALTH: Majority from Bang's Certified herds and Calfhood Vaccinated —eligible to go anywhere. All T. B. Accredited and Blood Tested within 30 days. Mastitis tested and treated against shipping fever. Pregnancy checked.

Featuring The Carlton Head Herd

Number 2 Dispersal

27 MILKING COWS and 1 HERD SIRE

2X RECORDS TO 695 FAT

Four cows in this herd have over 600 fat — 603 F, 604 F, 623 F and 695 F—all 2X. 11 have over 500 lbs. fat to 577 fat and 8 more have over 400 F to 479 F.

1 "VG" 11 "GP" 12 "G" 2 "F"

Health is perfect with all tests up to date — cattle eligible for any state. 15 head fresh in Dec., Jan & Feb. 6 more due in April and May. Herd is Ormsby and Rag Apple. Many top animals to select from. The herd sire is a 2-yr-old grandson of Carnation Dominator from a Hays Rag Apple Climax granddaughter with 2X records to 668 fat — **Carlton Head, Waterville, N. Y.**

Francis Bercume, Spencer, Mass. consigns Twingap Designer (twin), born May 25, '59, a son of Cashman Gracious Woodmaster (EX) from Hedge Harmonious Regina (GP), the $2,550 top of the Hedge Dispersal and a daughter of Hedge Adean Harmony with records to 838 F, 4%. Second dam is the "VG-762-lb" Dunloggin Designs Queen. A full sister is making 650 fat as a jr.-2-yr.-old. What a Dunloggin pedigree!

Horace Backus and Harry L. Nicholson, Mexico, N. Y. are consigning a daughter and granddaughter of Harden Farms Duchess Sally (VG-87). Hon. Ment. All-American 2-year-old daughter of Pabst Reburke Duke (GM) with records to 643 F at 2 yr. Sally's daughter is by Council Rock Stylemaster and her daughter is by Harden Farms Emblem. Her daughter is due sale time to Aristocrat and the heifer sells open.

Many more top consignments anticipated including some choice Canadians.

R. AUSTIN BACKUS, INC.
Sales Managers & Auctioneers

Mexico (Phone WO-37231) N. Y.

✶ The Correction Herd ✶

RECORDS

Our Latest Yearly DHIA Record is:

10,560 Milk 3.83% 404.3 Fat

No. of Cows — 107.6 Average Cows Per Month

HIR and DHIA Testing

Cows - Heifers - Bulls - For Sale

Farm located at South 68th and Highway 100 - Milwaukee County

MILWAUKEE COUNTY HOUSE OF CORRECTION

8885 South 68th Street Hales Corners, Wisconsin

JOS. B. DREWNIAK, Superintendent I. Benson, Farm Supt.

Records - -

Florida

A J R Grenadier Silver Lady 417-6833 bred and owned by A. J. Rusterholz, Jr., Apopka, Florida, is now HIR State Champion jr. 3-year-old with, at 3y 4m, 319 days, 2X, 13,912 lbs. milk, 4.2%, 587 lbs. fat. She displaces a stablemate of hers, A J R Grenadier, Mae 4176885, as class champion. Silver Lady is by Sir Hallmark Grenadier and out of Wilma Lady Pabst.

New Hampshire

Midridge Ormsby Maggie 3957559 (GP), bred and owned by Raymond A. Sprague, Hillsboro, N. H., is HIR State Champion jr. 4-year-old with: 4y 5m, 365 days, 2X, 18,682 lbs. milk, 4.8%, 898 lbs. fat. She is by Hartsbrook Ormsby Carl (VG-SMP) and out of Hurlwood Miss Aaggie Victor (G).

Former champion in this class was U N H Sparkler Annette 3838211 (VG) with 21,322 lbs. milk, 881 lbs. fat. She is bred and owned by University of New Hampshire, Durham.

U N H Conqueror Rhea 3270384 (GP), bred and owned by the University of New Hampshire, Durham, is another UNH cow to be reported with a 1000-lb. 2X record in recent weeks. Her record: 8y 3m, 365 days, 2X, 25,501 lbs. milk, 4.0%, 1027 lbs. fat, AH. Her previous official records:

2-2	315	2X	13,415	3.9	529.3
3-3	311	2X	14,752	4.1	608.2
4-3	307	2X	15,794	4.0	626
5-4	365	2X	18,693	4.1	771
6-7	365	2X	21,436	4.2	907

Rhea is a daughter of U N H Marathon Conqueror (GP-SMP) and U N H Mike Lillian.

---

850 F. FOR "TRIXIE" - NOT 805

A typographical error crept into the Meadowbrook ad copy of Leonard Seybold in our issue of February 13 in crediting his cow, "Trixie," with a production of only 805 F. when the copy should have read "850 F."

"Trixie" is the Excellent Cherrybold Aristocrat Trixie, a daughter of the Ex.-GM Newmont Aristocrat and her record published in the AR report in this same issue is 21,342 M - 4% - 850 F. at 9y 10m. This brings her total production in 2,966 days to 131,313-lbs. M. and 5,071-lbs. F. She is one of many 100,000-lb. producers in the Meadow Brook herd at Forest Junction, Wis. which has been awarded nine Progressive Breeder bars.

SUNFLOWER SPRING SPECTACULAR

THE KANSAS SPRING HEIFER SALE

ABILENE, KANS.

THESE KANSAS BREEDERS WILL EXTRICATE THESE FINE ANIMALS FROM THE HUGE SNOWDRIFTS AND PRESENT THEM IN FINE SHAPE AT ABILENE - THE NUMBERS MAY BE DOWN BUT THE QUALITY WILL BE THERE.

12 NOON – APRIL - 16

Roy Hopkins - a gr-dtr. of Smoky Harmony, her dam 4 records - 518 to 600 - due in June to the 1958 All-Kans. Jr. Yrlg.

Matt Roeder - this little honey was his Futurity heifer, sired by a son of "Sarah" (EX-Res. A.A.). Her dam was grand at dist. and 2nd all-state, '58. Due in June to son of Plain View Inga - EX-A.A.

DeWerffs - 2 dtrs. of Wis Dean (GM). One due in July to their 1957 All-Kans. 827-lb. bull calf, the other due in Sept. Dam of one 528 F. and dam of other 2 heifer records of 500 F.

Lauren W. Enns - dtr. of R. & L. Tex Burke Senator born 12-11-57. Her dam member of 1st sr. Get, 1958 State Fair. Heifer due in July to Skokie Good Regent (1118-lb. sire).

Forsberg Bros. - 2 dtrs. of Tidy Burke Fobes (GM) (see picture), ¾ bro. to "Mose." Dam of one has 2 heifer records over 430, next dam up to 636 F. Dam of other heifer 120,000 M. and over 600 F. Both due in July, one to Gray View Skyliner.

Schneider Bros. - 3 nice ones - a dtr. of Fashion Dean Rag Apple (EX-SMT), due in Sept. her dam 2 records over 500 F. . . . A dtr. of Meierkord Neth. Triune (EX), her dam 620 and 670 F. And a Sept. calf for 4-H - her dam 436 F, 3 yrs.

Hugh Bowman & Sons - dtr. of Wis Ideal Leader - her dam 543 F. - 2 yrs.

T. Hobart McVay - milking dtr. of Lakefield Fond Hope (see picture) - her dam 638 F.

Joan Bowers - another Lakefield - her dam up to 499 F. Due May to the Henryhome bull.

Wilson Brothers - dtr. of Thonyma Ormsby Lad due in Aug. to Kyland Crescent Premier.

Geo. F. Mueller - a dtr. of Taloga Beauty Trademark, born Dec. 1957, due Aug. to Tidy Burke Mercedes.

Lester and Delmar Conner - a dtr. of Heersche Romeo Benefactor (VG-GM) her dam to 560F - due Sept. to Quin Lynn Milkman Duke.

St. Joseph's Orphans Home - a dtr. of Thonyma Master Skyrocket - her dam VG - 568F, due Aug. to VG-GM Smoky Hill Wis Vivian Dean.

W. F. Frerking - 2-yr. old dtr. of Double Cres. Pearl Taloga Karma, dam 521 F.

Eldon Schmidt - 3 heifers - all by C. Zarnowski Raven King and all bred to C. Zarnowski Raburke Raven. Dams of all with good records to 541 F.

— Two Dtrs. Selling —

LAKEFIELD FOND HOPE
Hon. Ment. All-Am. Aged Bull - 1959.
Son of 1112-lb. Lake Fobes Delight (EX).

THE DATE IS SATURDAY

APRIL 16

TIDY BURKE FOBES (GM)
Son of Wis Burke Ideal from 100,000-lb. dam.

Allen E. Smith - a dtr. of Triple Ideal Bess - her dam a dtr. of R. A. Ormsby Dean - she is bred to a son of Wis Blend (VG).

David F. Hammeke & Sons - send twin dtrs. of Los Robles Pepper Prince. Their dam a dtr. of the DeWerff Dean bull. Will be bred by sale day.

Ernest A. Reed & Son - a dtr. of Raven Burke Ideal (EX-GM) her dam the highest record 2-yr. old dtr. of "Mose," (621 F.) She is bred to UNH Schoolmaster (EX-GM), famous New England sire.

Ivan Strickler - 2 dtrs. of Mooseheart Lieutenant, (Res. Grand at both state fairs last fall). Dam of one 627 F., dam of other 598 F. Both heifers bred last June to E. Strickler Legen Rocky.

Kenneth C. Butel - dtr. of Heersche Carey Perfection (VG-GM) - the dam 522 F. Bred 11-20-59 to Hartz Fifisman Prince (6 nearest dams ave. 933 F.). Also sending dtr. of Fobes R. A. Cyrus, bred to same sire as above.

Jack W. Carlin - an own dtr. of the Lakefield bull, her dam VG with 3 records from 737 to 761 F., next dam 827 F. This heifer is due sale time to Woodbourne Inka Reflector. What a heifer this will be . . .

Glenn A. Palmer sends a dtr. of Sovereign Cochran (VG-GM) - her dam VG — records to 585 F. Due to calve in July.

Floyd Olson & Son - milking dtr. of Neth. Burke Sky Chief - dam a grdtr. of Carn. Countryman. Will be bred before sale to UNH Schoolmaster (EX-GM).

R. Dale Jones - Siouxland Rocket - 1st calf heifer (and her heifer calf), by Anthony Rockwood Rocket (EX-GM), she will be bred back by sale time to Gray View Skyliner.

Carl Knudson Jr., a dtr. of Pabst Comet Duke, dam a dtr. of Zarnowski Burke Forester, bred to Ideal Burke Elsie Leader.

A. Clifford Beckwith sending a dtr. of Gray View Burke Skylite, dam VG up to 538 F. Bred 9-14-59 to son of 814-lb. cow.

Beezley Farm consigns a dtr. of Tidy Burke Ideal (SMT), the dam 3 times over 500 F. Due at sale time to a son of the 776-lb. "Papoose."

Dan McDonald selling a daughter of Fobes Rag Apple Cyrus, dam has 2X record of 469 F. 4½ yrs. - will be fresh by sale day.

Auctioneers: A. C. "Whitie" Thomson, Burlington, Ill. and H. M. Sharp, Herington, Kans.

Announcements and pedigrees: T. Hobart McVay, Nickerson, Kans.

For catalogs write the chairman of the sale committee — **Quentin J. Kubin, McPherson, Kansas**

RAVEN BURKE IDEAL (EX-GM)
son of Wis Burke Ideal out of the famous EX. Raven Burke Elsie.

ANYONE FOR GREEN BOOKS?

Former Director Grover G. Meyer, Basehor, Kansas writes that he has a set of Type and Production Year Books from Volume II (1945) through Volume II of the Green Book (1954) which he will gladly give to any person or organization desiring them. The Meyers retired from active farming after their dispersal in 1954. They spend their winters in Florida but reside the rest of the year at their home on the farm at Basehor.

PEOPLE

Leness Hall, Assistant Manager of Carnaton Milk Farms, Carnation, Wash., left March 5 on a month's tour to Italy and several other European countries. From Seattle he flew the Polar route to London and from there went to Amsterdam where he spent three days visiting Holstein herds in Holland.

Next on his itinerary will be the Verona, Italy, fair and visits with Holstein breeders in Italy. Belgrade, Yogoslavia, is next for four days; then to Vienna, Austria, where Leness will spend two days with his two oldest sons. Other stops include Holstein visits in Spain.

Italy has long been one of Carnation's best foreign markets but this is the first time anyone from Carnation has visited that country.

WIRTHMORE EXPANDING

The acquisition of all former company owned Maritime Milling Co. retail stores in New York State by Wirthmore Feeds Inc., has been announced by Granville M. Bond, president of Wirthmore. No changes in present store personnel are contemplated, Mr. Bond said.

Along with the acquisition of these retail outlets, a number of former Maritime sales representatives, together with a group of independent feed dealers, joined the Wirthmore organization.

This move represents a substantial increase in the distribution of Wirthmore feeds in New York, it was stated. Feeds will be shipped from Wirthmore mills at Olean, N. Y., Toledo, Ohio, and from the company's New England plants.

U N H Squire Adella 3655134 (GP), bred and owned by the University of New Hampshire, Durham, is reported with this record: 5y 11m, 365 days, 2X, 22,037 lbs. milk, 4.8%, 1057 lbs. fat, AH. Her previous official records:

2-5	365	2X	13,738	4.5	612
3-7	365	2X	16,908	4.9	830
4-9	365	2X	19,009	4.8	912

This producer is a daughter of U N H Ormsby Sensation Squire (VG) and U N H Pontiac Octavia. She is the 354th Holstein to produce more than 1000 lbs. fat in HIR.

Her son to Argentina . . .

BESSIE INKARNATION ROBURKE (EX)

6y	365	2X	22,068	3.8	845
5y	365	2X	22,195	3.8	835
4y	361	2X	21,633	3.7	798
8y	350	2X	19,955	4.0	791

Her Wis Leader (EX-GM) son sold by Elsmer F. Berg & Son, Brownsville, Wis, to Sr. Carlos L. Pereyra Iraola, Buenos Aires, Argentina. Sr. Pereyra also selected an August 1959 heifer by Vigo Leander (EX-SMT) from a "VG-89" 4-yr-old dam from the Berg herd.

◆

Home-Bred Champions

◆

ARLINDA ELSIE BELLE
Bred by Arlinda Holsteins, Turlock, Calif.

THIS COW WON MORE VOTES FOR ALL-AMERICAN THIS YEAR THAN ALL THE OTHER COWS BRED IN THE UNITED STATES COMBINED.

The bull receiving more votes than all others was —
Boontuk Ormsby Pat
Bred by Boontucky Farms, Burlington, Ky.

The junior age female with the most votes was
Roburke Crescent Nancy
bred by Earl Gerlach & Sons, St. Ansgar, Iowa.

These breeders use aAa, "round and sharp" analysis and these animals are the result of proper matings.

. . .

Our service can help your breeding program in the same way . . .
Make a date with the aAa man nearest you.

Animal Analysis Associates

WILLIS H. ARMBRUST
P. O. Box 91
Millard, Neb.

* LEO R. BLANDING
33 Western Ave.
Brattleboro, Vt.

ROBERT J. CHAUVIN, JR.
P. O. Box 356
Gonzales, La.

* ROSS H. HACKER
Lone Chestnut Farm
Brillion, Wis.

LYLE HOHENSTEIN
Fohon Holstein Farm
Vernon Center, Minn.

ARTHUR JENSEN
R. R. 4
Olathe, Kansas

* ELMER LIBBY
49 Linden St.
No. Attleboro, Mass.

L. H. McDANIEL
P. O. Box 1030
Turlock, Calif.

* ROGER PETERS
R. 2. Box 252
Ft. Atkinson, Wis.

* GEORGE W. REED
Box 41
Lewes, Del.

W. A. WEEKS
204 Hunter Ave.
Rockford, Ill.

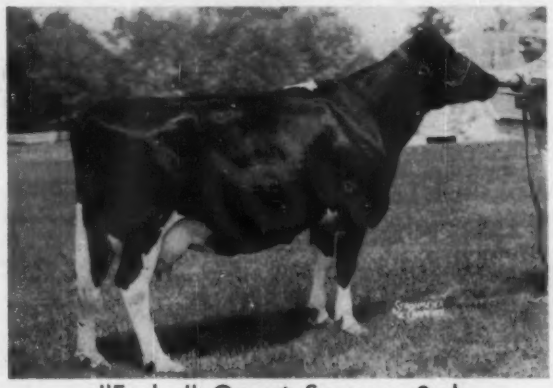
*** Leo Blanding serves all New England states.**
Ross Hacker serves north east Wisconsin.
Elmer Libby serves New York, Michigan, Indiana.
Roger Peters serves southeast Wisconsin.
George Reed serves New Jersey, Penna., Ohio, Maryland.
aAa Trade Mark Registered U. S. Patent Office 639116

— "Dont be afraid to take a big step if one is indicated — You can't cross a chasm in two small jumps"

— Private development of bulls seems more hazardous but is also more rewarding.

We are developing a son of each of these two outstanding three-quarter sister members of our brood cow herd —

— Brood cow series —



"Evelyn" Comet Supreme 2nd

Classified — Very Good — 88

3 yr.	2X	298d	11,739 M	4.4%	512 F
4 yr.	2X	341d	16,890 M	4.4%	735 F
5 yr.	2X	365d	20,250 M	4.5%	905 F

Two daughters and Son in our herd — you would marvel about "Evelyn's" brood cow qualities.

Classified — Very Good-88

4 yr.	2X	290d	13,519	4.6%	616 F
5 yr.	2X	318d	14,234	4.4%	633 F
6 yr.	2X	365d	18,255	4.8%	877 F

One Daughter and Son in our herd —

Like her ¾ sister, "Connie's" brood cow qualities stand out —

"Connie" Wing Double

O. J. Thrall Inc. — Owners

Homestead Farm

Thrall Road

Windsor, Conn.

Emil Hansen — Herd Mgr.

LOOK!

ANNOUNCING —
THE DISPERSAL ON MAY 3 OF THE

MEADOWBROOK HERD of LEONARD SEYBOLD AT THE FARM

80 HEAD

FOREST JUNCTION, WISCONSIN

THIS EX HERD SIRE SELLS

CHERRYBOLD POSCH ZENITH (EX-92)
Son of Wint. Fobes Posch Zenith from Cherrybold N J Josie, (150,000 M) sells with 17 of his dtrs. with records to 582-2-yrs.

THE DATE IS TUESDAY
MAY 3

NINE YEARS PROGRESSIVE BREEDER

— *Selling* —

- ★ 7 COWS OVER 100,000 Lbs. M.
- ★ 3 EX. - 15 VG - 19 GP - 1 Good
- ★ 2 OVER 800 F., 5 OVER 700 F.
- ★ 7 DTRS. OF RALPH DUNLOGGIN AIM
- ★ 3 DTRS. OF "ROBURKE"

— About The Meadowbrook Herd —

— Developed 19 Cows Over 10,00 lbs. M.

— HAS 22-YEAR AVE. OF 11,796 M 4% 461 F

— LAST YEAR'S HIR AVE. 602 F. 4.1% 14,468 M

The previous year the HIR ave. was 560 F.; with 543 in 1957, 541 in 1956.

— SELLING —
EX. WITH 850 F

CHERRYBOLD ARISTOCRAT TRIXIE (EX)
9y 850 F 21,342 M. In 2966 ds. 131,313 M and 5,071 F. Dtr of Newmont Aristocrat, GM.

See page 16 of the issue of Feb. 13 with the list of cows who completed records in the Meadowbrook herd in 1959. In this issue is the correction (in our news items) on the record of the Trixie cow which should have read 850 F. instead of 805 F.

This sale will follow the Elkhorn Classic which is on Monday, May 2. WATCH FUTURE ISSUES FOR MORE INFORMATION ON THIS — ONE OF WISCONSIN'S VERY GREATEST FARMER BREEDER HERDS OF ALL TIME.

FOR MORE INFORMATION WRITE

PIPER BROS. Sale Mgrs. **WATERTOWN, WIS.**

Consigned To The Wolverine Classic

A GOOD CALF IN BAD WEATHER

SKOKIE DUKE REGENT

SKOKIE DUKE REGENT

Born Sept. 25, 1959

Here is your chance to buy a son of Skokie Duke from a young dam who is promising close to 1000 lbs. fat this year as a 3-yr-old. The next 2 maternal dams are both Gold Medal, one "VG" and the other "EX." This is one of our top cow families.

ELMWOOD FARMS

LAKE FOREST, ILLINOIS

SKOKIE DUKE 1288610
Jr. Champion, Illinois State Fair, 1958.
1st Sr. Yrlg., Illinois State Fair & Illinois B & W Show, 1958.
2d Bull Calf, Ohio and Wisconsin State Fairs, 1957.
4th Bull Calf, Waterloo and International, 1957.
Full brother to -
Skokie Noel
Harden Farms Herd Sire.
Maternal brother to
Skokie Creation
Redfield State Hosp. Herd Sire.
Skokie Black Magic
Elmwood Herdsire
Skokie Maximum
Born in 1960

SKOKIE X REGINA 4139081
"Very Good" at 2y
(Should make 1000 lbs. at 3½ yrs.)
155d 3½y 3X 11056M 514 F
321d 2½y 2X 11668 4.5% 527

PABST LEADER DUKE 1240424
"Very Good"
4 A R daughter with 850 lbs.
Pabst L D Leader Judy
365d 2y 3X 20562 4.1% 850 (SA)
2 Elmwood two year olds average over 700 lbs. fat.
Maternal brother to Pabst Reburke Duke
"Gold Medal Proven Sire"

SKOKIE GOLDEN JOY 3425213
"Excellent"
365d 5y 2X 27126 4.8% 1301.0
(2d in Nation)
305d 5y 2X 23630 4.8% 1113.0
(National Fat Champion)
365d 2½y 2X 18657 4.6% 867.0
3d Aged Cow, Illinois, 1958.
Mem., Hon. Men., All-American "Produce," 1958.
Has had 6 calves in 8 years

SKOKIE GOLDEN CROSS 1152908
"Very Good - Gold Medal"
19 daus. class. av. 82.1
16 tested daughters
3 with 909 to 1148 lbs.
13 from 404 to 737 lbs.
Skokie X Creation "EX"
365d 4½y 3X 28874 3.9% 1148
Skokie X Georgia "VG"
365d 4y 3X 23834 3.8% 909

SKOKIE BESSIE REGINA 3235817
"Very Good - Gold Medal"
365d 6½y 3X 22445 4.4% 989
305d 6½y 3X 20587 4.3% 895
Dam of-
Skokie R Golden Bessie "VG"
365d 2½y 2X 22293 4.0% 885
National Champion for milk
Skokie Regent Duke
SOLD FOR $3100 at Earlville TO LEIGH VALLEY BREEDERS

WIS LEADER 915940
"Excellent - Gold Medal"
All-American "Get," 1956.
Res. All-American "Get," 1955.
21 "Excellent" offspring
236 tested daughters
7 from 810 to 1045 lbs.

PABST BURKE DUCHESS 2373582
Very Good
365d 4½y 3X 22553 3.8% 861.9
365d 10y 2X 18827 3.8% 721.6
1st Best Uddered, Wisconsin, 1948.

SKOKIE GOLDEN PRINCE 1079736
"Very Good - Gold Medal"
1st "Get," Illinois State Fair, 1955.
24 daus. class. av. 84.0
22 tested daughters
4 from 1049 to 1301 lbs.

SMITHLAND SUPREME VERA 2806298
"Very Good" 89 Points
365d 2y 2X 15653 4.5% 697.3
305d 2y 2X 12830 4.2% 539.7
(Both For. Illinois State Records)
2 "Excellent" A R daughters
With 966 and 1301 lbs. on 2X

SKOKIE GRACIOUS 1021644
1st 2-yr-old, Iowa State Fair, 1950.
3d 2-yr-old, International, 1950.
4 A R daus. 2 with 833-870 lbs.

DUNLOGGIN GOLDEN PRINCESS 2314452
"Excellent - Gold Medal"
365d 7y 3x 24642 4.2% 1046.8
Hon. Men. A-A. 4-yr-old, 1946.
Maternal sister to "Elizabeth" with 1110-F & "Margaret" with 1020-F twice A-A.

SKOKIE PRINCE REGENT 1038811
"Very Good - Silver Medal Prod."
1st Jr. "Get," Iowa & Nebraska, 1951.
83 daus. class. av. 80.8
76 tested daughters
10 from 811 to 989 lbs.

GREYROCK CHIEFTAIN BESSIE 2422108
"Excellent - Gold Medal"
365d 5y 3X 21254 4.6% 978.7
365d 4y 3X 19924 4.2% 840.4
1st Aged Cow Nebraska 1951
3 A R daus. from 765-989 lbs.

His Maternal Granddam

SKOKIE BESSIE REGINA
VG-Gold Medal Dam
365d 6-11 3X 22,445 4.4 989

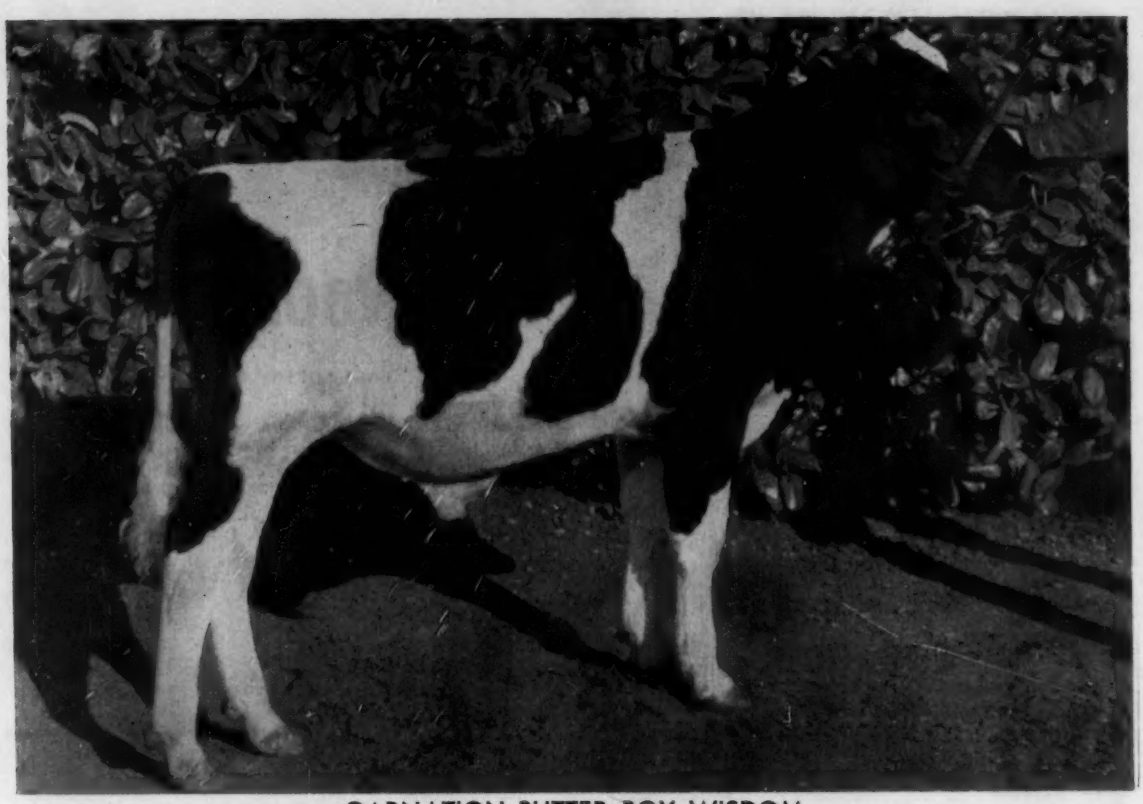
His Maternal Great-Granddam

GREYROCK CHIEFTAIN BESSIE
Excellent-Gold Medal Dam
365d 5y 3X 21,254 4.6 979

His Paternal Granddam

SKOKIE GOLDEN JOY (EX)
365d 5y 2X 27,126 4.8 1301
305d 5y 2X 23,631 4.7 1113

Offering This Outstanding "Butter Boy" Son



CARNATION BUTTER BOY WISDOM
Born: June 5, 1959

Carnation Butter Boy Wisdom, pictured above, is a very good individual, as you can see from his picture. He has a straight top line, a long level rump, with smooth refined tail setting, a very good set of feet and legs and is a calf with a beautiful front end.

He is a Butter Boy son.

His dam is a first calf heifer now on test as a Jr. two-year-old on 2X milking. She has 10,282 lbs. of milk, 406 lbs. of fat in the first 267 days.

She is a daughter of Carnation Revelation Emblem, a son of "Excellent" Gold Medal Carnation Homestead Revelation from Frasea Leonora Wayne "Excellent" (94 points) who has just finished a 2X record, (subject to approval) of 16,459 lbs. of milk, 677 lbs. of fat 4.1%. Leonora will be 18 years old in May.

The next dam is a daughter of Carnation Imperial Madcap Lad with records up to 868 lbs. She in turn is from a 1062 pound granddaughter of former world milk champion Carnation Ormsby Madcap Fayne.

Here is a most promising young bull ready for service this summer. He will make some one a very good herd sire and an outstanding individual.

Pedigree and price on request.

Carnation Milk Farms

CARNATION MILK FARMS

Dept. 297

Carnation, Washington

Calf Manna FED

Improvement of Dairy Herds ... Through Breeding

Holstein-Friesian World

March 26, 1960

By Dr. J. E. Legates

What breeder is satisfied with his herd as it is today? The perfect animal is yet to be fashioned, but the hope that this ideal may be just out of reach should urge the breeder forward with renewed enthusiasm. Nonetheless, the challenge of breeding a better dairy herd is not one to be accepted lightly, rather it is to be accepted responsibly, recognizing that sound goals must be set and rewarding standards maintained. A goal that continues just beyond our finger tips will bring out our best efforts. As the poet of an earlier day has said:

"A man's reach should exceed his grasp, or what's a heaven for."

But our enthusiasm must be seasoned with the salt of reality, else we become disheartened before the initial results of our efforts have an opportunity to become evident. At best we must recognize that genetic improvements are made with stubborn slowness. Even with the best laid plans based on the soundest judgment, we must be prepared to accept disappointments along the way. The fact that there is no easy formula for success in breeding a better dairy herd has not curbed the craving by many people for an easy solution to a complex problem.

Yet, we also must remember that all is not chaos. The science of genetics, though still an infant, does complement the art which was long felt to be the whole of breeding. Certain genetic principles have been consistently adhered to by Nature as each succeeding generation unfolded. We must understand and respect these principles. Furthermore, we must always be aware of the part chance plays to maintain our reservoir of genetic variation, even though this so often seems to thwart our efforts to attain our assigned goal. It isn't easy to develop a superior dairy herd. Improvements must be made step by step, and we must not look to our problems as if only a magician has the answers. Our knowledge of the genetics of dairy cattle breeding has begun to unfold, and we still have the same keen interest in cowmanship.

DR. LEGATES

Where Can Breeding Help?

As breeders we want our herds to exhibit many desirable qualities such as high production, good type, easy milking, regular calving, docility and longevity. Obviously, we must be prepared to make some compromises when so many qualities are worthy of attention. First, we must know whether or not the qualities which we desire will respond to selection. In other words, what is the heritability of the traits we desire? Heritability is the degree to which the observed superiority or inferiority of a group of selected parents is transmitted to their progeny. Heritability ranges in value from 0 to 1 and it is also often referred to on a percentage basis of 0 to 100. A trait which varies in its expression from animal to animal solely because of environmental differences would have a heritability of zero. Superiority of the selected parents would be attributed to environmental effects which could not be expected to be transmitted to the progeny. On the contrary, if the superiority of the parents was all due to transmissible genetic effects, then heritability would be 1.0 and this superiority would be expected to be transmitted directly to the progeny.

Variation in most traits is neither wholly environmental nor completely hereditary. Studies suggest that the heritability of milk and fat yields on a within herd basis is about 0.25. How are we to interpret this? Let us say that the average mature milk production for a herd is 13,000 lbs. per cow. The parents of future herd replacements are represented by animals which average 1000 lb. above the herd. Since the heritability of mature 305-day milk yield is 0.25, progeny resulting from such matings would be expected to average 250 lb. of milk above the herd average. (See Table I)

Since heritability was 0.25, only one-fourth of the superiority of the parents could be expected in the progeny. The remaining three-fourths resulting from non-genetic influences would not be transmitted from parent to offspring.

The degree to which the superiority or inferiority of the parents is transmitted to the progeny (heritability) varies for different traits. Average values for the heritability of some of the important traits in dairy cattle are given in the accompanying table. (Table II - next page)

This is the text of the presentation made by Dr. Legates at the six 1959 Breeders Institute Meetings in New York. Dr. Legates is Head of the Animal Breeding Section, North Carolina State College Bureau of Animal Industry at Raleigh.

TABLE I

(13,250) lbs. = (13,000) lbs. + (0.25) (1,000) lbs.
Expected Progeny Average = Herd Average + Heritability x Superiority of Parents

IMPROVEMENT (from page 19)

Regardless of how desirable a trait might be, we cannot expect to improve it through breeding unless its heritability or hereditary variability is appreciable. Improvements in those desired qualities with very low heritability will need to be sought by managemental changes. Selection for them would not only be ineffective, but it would decrease the intensity of selection that could be practiced for other traits which have a reasonable likelihood of being improved genetically.

Our Goal

In developing our dairy herds, as in every worthwhile endeavor, we must set a mark for which to strive. It is not enough to say that we want to improve our herds. Our breeding program should be guided by a goal in definite terms of the important qualities which can be improved. There is evidence available to indicate that both production and type can be improved by selection. We do need to give consideration to other desired qualities.

Regular calving and good reproductive performance are most important to maintain high average yield. Nevertheless, the measures of reproductive efficiency commonly available to us as breeders, such as services per conception and calving interval, have quite low heritabilities. Our efforts to improve these measures of reproductive performance by selection will return very little dividends. This is not to say that heredity is not involved in our reproductive problems. Certainly a number of lethal and sub-lethal genes may contribute to embryonic mortality and to still-births. The genetic make-up of the cow also may contribute to the cystic ovary condition. However, when all the sources of variation in reproductive efficiency are considered, hereditary influences are not of major importance.

Where practical control and preventative programs are effective, it is difficult to justify breeding for disease resistance among animals of such high individual economic value and with as slow a reproductive rate as cattle. Mastitis, however, represents a disease problem which is difficult to prevent or control, since so many factors may be responsible for the disease. Several workers have reported that genetic influences may be important in mastitis resistance. The pendulous udder has long been condemned as a predisposing factor for a higher incidence of mastitis. A recent study has shown that such a relationship does exist, and it suggests one way in which heredity may be influential. Evidence, which is accumulating, indicates that mastitis may deserve more direct consideration in future breeding programs.

- ★ **We must recognize that genetic improvements are made with stubborn slowness . . .**
- ★ **There is no easy formula for success in breeding a better dairy herd . . .**
- ★ **Our breeding program should be guided by a goal . . .**
- ★ **Mastitis may deserve more direct consideration in future breeding programs . . .**
- ★ **It is difficult to realize how even the commercial dairyman can afford to not consider each mating with care . . .**
- ★ **Opinions are apt to be numerous concerning topics where the facts are few . . .**
- ★ **Individuals of outstanding merit must serve as the basis for breeding . . .**
- ★ **Selection is still our most important tool for continued improvement . . .**

Animals that remain productive for several years are most desirable. Yet longevity is difficult to select for. If it were genetically conditioned, some selection for longevity would take place automatically, but the intensity of such selection would be low. Furthermore, a recent study of about 1000 cows, where culling had not been practiced for production, pointed out that the heritability of longevity was close to zero. The largest percentage of the cows eventually left the herd as non-breeders, and numerous studies have shown that there is little hereditary variation in reproduction performance. Material improvements in longevity then may be expected to result mostly through improved management and care of our herds.

Recently, in a breed publication from another nation, under the picture of a cow her milk and fat production was given, and in addition the per cent of solids-not-fat. In view of the desires of a calory conscious public and the high nutritive value of the solids-not-fat portion of milk, we shall certainly be much more concerned with milk constituents in the future. Very little conclusive information is available on the genetical interrelationships among the protein, lactose and other components of solids-not-fat. But much emphasis is being given this topic and information on its inheritance should be forthcoming in the near future. Preliminary figures indicate that the heritability of solids-not-fat and the protein components may be near 0.50.

In planning our breeding program and considering the desired qualities of our cattle, we must put first things first. The cow's ability to convert feed from the land into edible food must be a fundamental consideration in our own herds, and in others where breeding stock is sold. Other qualities also should receive their appropriate emphasis. This may be a bit different for each of you as you draw the image of your ideal into clear focus. While there does not appear to be any major genetic antagonism to wrapping up all the desired qualities in one package, we must remember that emphasis on too many unimportant details will automatically decrease the intensity of selection for those which are most important.

The Sire for Your Herd

We have often been willing to concede that the sire was half of the herd. In reality our choice of sires accounts for more than half of our opportunity for improvement. Not only is the direct influence of the sire accounted for, but the contribution of outstanding females must in the main be realized through their sons.

Some of you may develop your own bulls and others may select your sire from among those available through artificial insemination. In either case you must know the individual cows in your own herd and the qualities which the daughters of available sires possess. The highest priced or the most popular bulls may or may not be the ones for your herd. You must decide that on the basis of its needs. For a long time artificial insemination was discredited because there was no effective way to choose the sires and plan a program. Now this limitation has been overcome, and the advantages from planned mating are within the reach of all who earnestly desire this service. When we realize that the genetic potential of animals that will be cared for and milked for several years is fully determined at fertilization, it is difficult to realize how even the commercial dairyman can

TABLE II

HERITABILITY VALUES FOR TRAITS IN DAIRY CATTLE

Trait	Heritability	Trait	Heritability
Milk Yield	.20 to .30	Final Type Score	.15 to .30
Fat Percentage	.45 to .55	Calving Interval	.00 to .10
Fat Yield	.20 to .30	Services per Conception	.00 to .05
Solids-not-Fat	.45 to .55	Fraction of Black or White Color	.90 to .95

afford to not consider each mating with care.

If you are developing your own young bulls, the soundest approach lies in thorough selection and sufficient early use of this bull to insure enough information to appraise him. We should be hopeful but always skeptical until the facts on the bull's progeny are in. If we have made a mistake, we should admit it and act early to minimize the influence of such mistakes, some of which are unavoidable. The disastrous set-back that comes from using bulls that "almost put you out of business" are difficult to overcome. In small herds it is hard to prove your own bulls and insure against the kind of bulls just mentioned. Most establishments that have demonstrated continued steady improvement over a number of years have avoided having "all their eggs fertilized from one basket."

Proved bulls are generally selected with caution, but our commonly used daughter-dam comparison is not a precise enough measure of transmitting ability. We need new tools with keener edges. Our daughter-dam comparisons, which are so subject to the vagaries of herd trends, have served a worthy purpose. But we should be able to take what is given us and make it better. A 1928 model automobile hardly serves todays needs, and we cannot make the progress expected of us if we fail to recognize and use the new facts that are available.

In most foreign countries and in some organizations in the United States, the value of appraising animals, and especially sires, by comparing their daughters with herdmates freshening in the same year and season has been recognized. Sire selection and evaluation in artificial insemination is uniquely served by this principle. For sire evaluation in single herds a procedure based on this same principle must be developed. Workable solutions to possible problems which do not arise from comparisons where progeny are in several herds surely can be found.

Look at the Other Side

We all know that herd building can not be done by merely shooting the right bull. In fact no one bull alone can handle the sire's side adequately. Much has been written about cow families and their importance. So far as the family consists of the cow, her dam, her sisters and her daughters it has much merit. However, the oft used definition of a cow family, as including all the female descendants arising from one foundation female, has received more emphasis than is justified. The use of sires across the so-called "families" within a herd makes it possible that the family may include members less closely related than the sisters by a particular sire.

We must be aware of the needs of our cows and be sure they are handled as individuals. From time to time it is most valuable to back-off and see just what our breeding program is really producing. A look at some of our friend's herds may sharpen our sights and help us see our own program in its proper perspective. All of our dreaming and planning will go for naught without careful execution. When we want to really examine what progress our breeding program is making, we must turn to our cows.

A Mating System

Opinions are apt to be numerous concerning topics where the facts are few. Not-the-least of these is the system of breeding that should be followed to guarantee a successful program. Mating systems do not of themselves create new genetic material, nor do they exert any direct influence on changing the frequency of desired genes. Rather they give us some meager control over how the genes combine.

Inbreeding, or the mating of individuals more closely related than the average, fixes genes in homozygous form without regard to whether the genes are good or bad. Under reasonably intense inbreeding undesirable genes are brought to light faster than selection can dispose of them. Hence, in addition to the appearance of abnormalities, general vigor and performance declines as inbreeding increases. Inbreeding of itself cannot be recommended as a mating system. It is also very questionable as to whether systematic crossing of inbred strains can be viewed with much hopefulness in dairy cattle for the forseeable future.

While linebreeding is really fashionable inbreeding, it is generally taken to describe our attempt to concentrate the influence of a presumably outstanding animal. The inbreeding is carried out to keep the relationship of future offspring as close as practicable to the highly regarded individual.

With the use of prefixes and the increase in the number of animals in our breeds, the genetic distinctness of many lines of breeding has become blurred. Many breeders are following what they are calling a line-breeding program, but it is generally a very mild one. Within the general framework of the breeder's line of breeding he from time to time brings in animals that have descended from his own herd with the view to improving specific deficiencies. By bringing in animals somewhat within the family, a degree of confidence about the genes probably being brought into the herd is gained. Furthermore, the breeder has certainly followed closely the herds with breeding similar to his, and this should assist his appraisal of the individual merit of animals to be selected.

During the time that most of us will have an opportunity to work with cattle we shall continue to rely heavily on selection, concentrating on finding more accurate methods of assessing the merit of the animals in our herds. Individuals of outstanding merit must serve as the basis for breeding regardless of the mating system. There is much evidence that genetic variation, and hence, the opportunity to improve through well directed selection, will not be exhausted in the near future.

In Conclusion

1. Breeding a better dairy herd is a challenging responsibility that must be started from where we are, and projected into the future. Definite goals must be developed to guide our herd development and assist us in striving for the best that we and our animals are capable.

2. The ability to produce must be a fundamental consideration in any breeding program. Other important qualities also merit attention. The emphasis to be placed on these qualities must be determined judiciously. Remember that the more traits that are considered the less intense our selection is for any one.

3. Sire selection is a key consideration, but no one bull can be expected to do the complete job. Neither is the best bull for your neighbor's herd always the best one for you. Your herd and its needs must weigh heavily in your choice of bulls.

4. While we have much more freedom to select among our sires, the "Better Half" of the pedigree must not be neglected.

5. Selection is still our most important tool for continued improvement. We must always be looking for keener aids to selection for all traits.

6. Finally there are still unanswered questions, but many of the answers will be forthcoming if we are patient and diligent in our work.

1959 Ecuador Holstein Show

By JOHN L. MORRIS,
Extension Dairyman
University of Maryland

From left are John Montel, Agricultural Attache in Ecuador; Osvaldo Paladines, Chief of Livestock Dept.; John L. Morris; Sr. Galo Plaza, President, The Holstein-Friesian Assn. of Ecuador; Sr. Cristobel Ponce, Secretary of the Ecuador Holstein Assn.; and C. Edmund Shuart, Livestock Advisor.

This is a report of my trip to Ecuador to judge their National Holstein Show, June 17-21 and to classify some herds in that country. The trip was wonderful and very well planned. Many thanks to Sr. Galo Plaza, President of the Holstein-Friesian Association of Ecuador and Sr. Cristobel Ponce, Secretary of the association for their hospitality. Milton J. Lobell, Director, Servicio Cooperativo Interamericano De Agricultura; Osvaldo Paladines, Chief of Livestock Department; C. Edmund Shuart, Livestock Advisor (Dairy); and Erve Nickelsen, Assistant to Head of Livestock Department were most cooperative in making detailed arrangements for me at the show and while classifying. John Montel, Agricultural Attache, helped me in many ways and certainly has done a good job.

Ecuador

Ecuador is an agricultural economy. Almost 50 per cent of the population depend on the land for their livelihood, and between 40 and 50 per cent of the Gross National Product is contributed by agriculture.

Ecuador's land area of slightly more than 100,000 square miles is divided into four principal geographic regions: the coastal lowlands; the Sierra or Andean highlands; the Oriente, which extends eastward from the Andes Mountains to the Amazonian basin; and the Galapagos Islands. Agricultural production in the coastal and Sierra regions comprises all of the farm crops common to tropical and temperate zones. Coastal tropical export accounts for nearly all of Ecuador's foreign exchange. Chief export crops are bananas, cacao, coffee and rice. Ecuador is the world's leading supplier of bananas. Other major crops, mostly for internal consumption, are corn, wheat, barley, beans, potatoes, sugar cane, tobacco, and cotton.

The Livestock population is as follows; 1,215,000 cattle, 1,350,000 sheep, 683,000 hogs and 2,856,000 poultry.

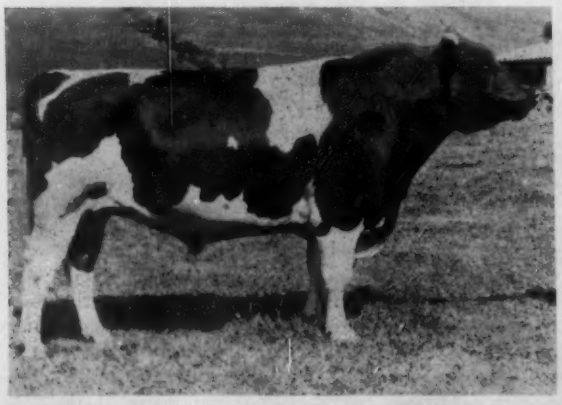
The Show

The first day of judging consisted of the grade Holsteins, purebred Jerseys and Ayrshires. The Grand Champion Grade Holstein cow was owned by Sr. & Senora Viente Miranda. By the way, Damian and Mario Miranda, sons of Sr. & Senora Viente Miranda, are attending Southern School of Agriculture, University of Minnesota, Waseia, Minnesota.

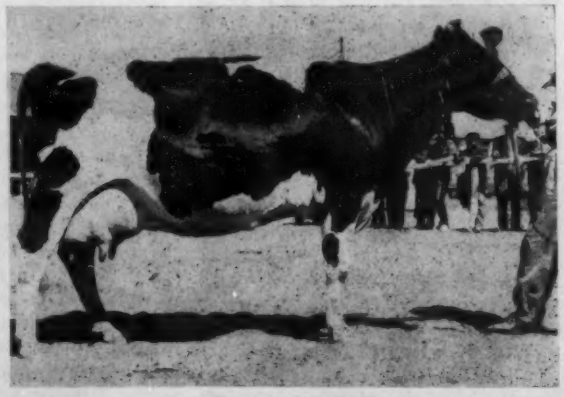
The second day of judging was for the registered Holsteins. A large ringside was present and there were many tense and excited people.

Strong Bull Classes

The bull classes were strong; especially the aged group. A more excited ringside has never been witnessed by the Judge. When the aged bulls entered everyone stood up and a few moments later a big Panagra airliner passed very low over the ring.



BOND HAVEN FOND HOPE DEMOCRAT (EX)
First Aged Bull, Senior and Grand Champion, Ecuador National Holstein Show, 1959. Owned by Sr. Nelson Romo Leroux.



FAIRLEA DALE PIETJE
First Aged Cow, Best Udder, Senior & Grand Champion, Ecuador National Holstein Show, 1959. Owned by Sr. Augusto Saa Cousin.

I wondered what would happen to 12 aged bulls, ringside and judge.

The class was very impressive with many outstanding bulls. Heading the class and later Grand Champion was Bond Haven Fond Hope Democrat (EX), a son of Spring Farm Fond Hope owned by Sr. Nelson Romo Leroux. The Reserve Champion was second place aged bull Mooseheart Supreme Fobes (EX), full brother to the Reserve All-American Aged Bull of 1954, Mooseheart Supreme. He was exhibited by Sr. Vicente Miranda L. The placing on these two bulls was reversed from 1958. To me "Fobes" is doing a very good job by the looks of his daughters.

The Junior Champion bull, Compania Montvic Rag Apple Sovereign, exhibited by Sr. Guillermo Jarrin was the outstanding young bull of the show.

The first prize aged cow, best udder, Senior and Grand Champion, Fairlea Dale Pietje, was exhibited by Sr. Augusto Saa Cousin. She is truly a great cow, 11 years old and with a record over 800 lbs. of butterfat.

The second prize aged cow and Reserve Grand Champion, Treostis Ville Lady Ormsby, was exhibited by Alegria Y Marie Plaza L. A great body, top and rumped cow but not quite as good in the udder as the champion. The Junior Champion female was Prado Romandale Venus exhibited by Neptali Espinosa J.

Erve Nichelsen of the Livestock Dept.; Judge Morris; and Cristobel Ponce, Ecuador Holstein Assn. Secretary.

At the show, Osvaldo Paladines and Erve Nichelsen were most helpful in translating my reasons. Osvaldo did graduate work at University of Maryland and Erve was in the United States as an Exchange Student, worked seven months at Carnation Farms, worked for Grant Richards and graduated from Utah Agriculture College.

A Week Classifying

A week prior to the show and a week after the show, I classified Holsteins, some Ayrshires, Jersey, and Guernsey cattle. All told 358 head of animals were actually classified. While classifying, Ed Shuart, formerly at New Jersey Experimental Station, was most helpful along with Osvaldo and Erve.

Most of the farms are large with most of the feed obtained from pasture. Very little hay or silage is made for feed. A lot of Alfalfa is raised and fed green. In areas where alfalfa is irrigated it can be cut every 42 days. Fertilizer is expensive and very little is used on the land. The herds too are large—100 to 200 cows, with milkmaids doing all the milking by hand.

A very large milk plant was just about completed in Quito so all milk could be pasteurized. Their testing program is progressing — 6 men testing over 5000 cows. Our DHIA rules are followed for all grades and A.R. rules for purebreds. All purebreds must be tested where testers are available. The testing program is increasing by 1000 per year.

One of my most interesting experiences was classifying at a farm located on the Pacific Ocean near Guayaquil. At this farm the cows were fed 35-40 lbs. of green bananas per day. Apparently the bananas are very palatable to the animals because they were most difficult to get out of the stalk while eating.

The Foreign Agricultural Service, The Holstein Friesian of America and Holstein Friesian Association of Ecuador cooperate in providing a man for judging and classifying in Ecuador.

A Burnt Offering to a False God is the Heifer Sacrificed to Make a Big First Record

By IRVINE EMBLETON

(Reprinted from Canadian Jersey Breeder)

I have often wondered what the opinion of a good horseman would be if he should happen to run across a man who was working a two-year-old draught colt to the very limit of his endurance, not just for an hour or a day, but day after day for a year. What do you think our good horseman's opinion would be if upon asking the man why he was behaving thus the fellow was to reply, I am proving his sire?

Yet this very thing is going on in the cattle business all over this country and in many others. And are the men who are engaged in this sort of foolishness being censured by their various breed associations? They are not! They are awarded medals and so-called Superior Sire Certificates and Constructive Breeder Awards, and in every way encouraged to keep up this splendid work.

How long do you think an athletic coach could find employment if he was taking a bunch of young boys and driving them to such an extent that nine out of every ten had less chance of becoming a good athlete after a year of training than they had when they started?

What I have been trying to say is that the horseman who is trying to build a good horse doesn't overtax his strength when he is a colt. And that the coach who is hoping to build his young pupil into an athlete that can stand the gaff won't overstrain his muscles when he is a boy. And in my humble opinion if you want to develop a good, sound, useful cow that will still be going strong when she is twelve years old, then you better not get too excited over Honor List two-year-olds, or big mature equivalents, because they seldom go together.

We hear a lot of talk about proving sires. But what real use is this proof if it is built on records that his daughters cannot maintain throughout their lifetime? What has a heifer who is badly damaged at the end of her first lactation proved except that she has a fool for a master? And what else could you say of her but that she was a burnt offering to a false god?

I suppose most of you have heard the story of the mother who made the bargain with her naughty little son that each day he was naughty she would drive a nail into a board she had hung up for the purpose, and each day he was good she would pull one out. The nails went in thick and fast for a while, but finally the lesson had its effect and she was pulling a nail out every day. The day she drew the last nail out she turned to the little chap and said, "Now isn't this fine, every nail is out." But the little boy replied sadly, "Yes Mamma, the nails are out, but the holes are still there."

How often have you heard the ballyhoo that the big record two-year-old wasn't hurt a bit, that she looked just as good as ever. Maybe so, but go and see her when she is six or seven years old and you're pretty liable to find that even if you couldn't see them at the time, that the holes were still there!

Gold Medal Dams -- XIII

(Last previous report Jan. 23, 1960)

VELMA ECHO LAD DIRECT
(2959074 (EX-92)

Arrow Empress 3509044 (VG) born 12-19-51 was bred and developed by A. S. Hallock, Laceyville, Pa. A heavy producer, her first five lactations have an average of 18,742 lbs. milk, 765 lbs. fat, adjusted to the ME 305 d. 2X basis. She qualifies for the Gold Medal Dam award with 3 of 3 offspring in both production and classification. The six records of her three daughters have an adjusted average of 16768 lbs. milk, 656 lbs. fat, each one exceeding 600 lbs. All three are classified GP. She is a daughter of Ceydermead Royal Emperor 1064716.

Another Mother-Daughter Pair

The 21st Mother-Daughter pair here reported were both developed by Burton F. Inglis, Clifton Springs, N. Y. The mother, **Bezner Anna Creamelle 2805682**, born 3-3-46, was bred by Lyle V. Dean, Watertown, N. Y. (now located at Lacona, N. Y.) and was developed by Mr. Inglis who acquired her in 1948 when she was a 2-year-old. Her own nine records average 13,482 lbs. milk, 500 lbs. fat. She qualifies with 5 of 6 daughters in production, 5 of 5 in classification. The five qualifying daughters have 16 records averaging 17,022 lbs. milk, 600 lbs. fat, as adjusted. One daughter is VG, four are GP. The sire of Bezner Anna Creamelle is MF Sir Vale Imp 906501, a Machold Farm-bred bull.

Inglis Anita Posch Creamelle 3506-733 (GP), born 8-30-51, is one of the qualifying daughters of Bezner Anna Creamelle (above). She was bred and developed by Mr. Inglis. Her five records have an adjusted average of 16,-237 lbs. milk, 632 lbs. fat. She qualifies with 3 of 3 offspring in both production and classification. The eight records of the daughters, as adjusted, average 15,805 lbs. milk, 656 lbs. fat. One daughter is VG, the other two GP. The sire is Seeley Brook Pebble Beach Posch 831870.

Ellingdale Echo Rebecca 3462802 (VG), born 10-6-51, is bred and owned by Oswald G. Nelson, Baldwin, Wis. Her own three records have an adjusted average of 17,822 lbs. milk, 690 lbs. fat. She qualifies with 3 of 3 offspring in both production and classification. The five records of her three daughters average 16,327 lbs. milk, 686 lbs. fat, adjusted. One is classified VG; the other two GP. This cow is a daughter of the Nebraska-bred sire, Sunslope Governor Echo 844122, who has a Carnation background.

Nookwood Pathfinder Irene 3171-401 (VG), born 11-6-49, was bred by Lorraine Tanner, Morton, Ill. and developed by Gotthold Tanner of the same address. Her own seven records average 15,374 lbs. milk, 538 lbs. fat, as adjusted. She qualifies with 3 of 3 eligible offspring in both production and classification. The 10 records of her three daughters have an adjusted average of 18,779 lbs. milk, 673 lbs. fat. Two of the three are classified VG; one GP. She is a daughter of Pleasantland Pathfinder Emperor 942-216.

Nos. 18 and 19 for Elmwood

Two more well known cows from Elmwood Farms, Lake Forest, Ill. have qualified as Gold Medal Dams, bringing the current total to 19 — far ahead of any other herd.

Pond Gate Famous Belle 2878339 (Ex), born 12 - 13 - 47, bred by Mrs. Paul Magnuson, Dundee, Ill., came to Elmwood as 1950 from the Pond Gate dispersal. She is a daughter of Curtiss Candy Ovation (Montvic Renown-Dunloggin Mistress Grace), out of Dunloggin Golden Belle, daughter of Dunloggin Golden Cross and The Belle of Dunloggin — right from the heart of Dunloggin. Her own two records have an adjusted average of 20,927 lbs. milk, 789 lbs. fat. Her qualifying offspring were all bred at Elmwood and cover 3 of 3 in production, 4 of 4 in classification. Two daughters have three records averaging 17,728 lbs. milk, 690 lbs. fat (as adjusted) and one son, Skokie Golden Bell Boy 1221761 (GP), has 12 daughters averaging 14,462 lbs. milk, 556 lbs. fat. The two daughters are both VG and a second son, Skokie Golden Boy, is likewise VG.

Skokie Supreme Geraldine 3341222 (VG-88) born 11-2-50, is a former 4-way National Champion. Her junior 2-year-old performance set new marks for both milk and fat in the 2X yearly and 10 months AR divisions. She presently stands second for fat in the 10 months division, 2X milking. Her ME adjusted production is 23,636 lbs. milk, 867 lbs. fat. She qualifies with 3 of 3 daughters in both production and classification. The records of the daughters average 18,307 lbs. milk, 679 lbs. fat, adjusted. For type, one is classified VG, the others both GP. Geraldine is a daughter of Wis Supreme 1046284, out of a daughter of Dunloggin Lochinvar Prince that is a maternal sister of the famed All-American, Smithland Supreme Champion.

Velma Echo Lad Direct 2959074 (EX-92) born 7-17-48, is one of the well-known cows of the Maple View herd of Fred J. and Robert Nutter, Corinna, Me., being one of the four 1000-lb. 2X daughters of the former herdsire, Dauntless Togus Direct. Her

ELLINGDALE ECHO REBECCA
3462802 (VG)

POND GATE FAMOUS BELLE
2878339 (EX)

SKOKIE SUPREME GERALDINE
3341222 (VG-88)

highest record is 28,456 lbs. milk and 1147 lbs. fat in 365 days 2X. Her six records have an adjusted 305 day average of 20,699 lbs. milk, 820 lbs. fat, and her lifetime credits in 2631 days are 147,605 lbs. milk, 5910 lbs. fat. She qualifies with 3 of 3 in production: 5 of 6 in classification. Her three daughters have four records averaging 16,049 lbs. milk, 613 lbs. fat, adjusted. A son, Maview Lad Direct Fernside, is Excellent; the three daughters and another son are VG, a remarkable record.

Vigo Burke Hengervale 2759644 (EX-93), born 11-10-46, is bred and owned by Elsmer F. Berg, Browns-

(Please turn to page 63)

GOLD MEDAL DAM-DAUGHTER PAIRS

The Holstein-Friesian Association of America program of Gold Medal Dam awards, initiated in 1957, has attracted fine participation by breeders who obviously value it as evidence of breeding power. While the awards are not numbered serially, it is of interest to note that in our Gold Medal Dam Roundup No. XII, appearing in the issue of January 23, 1960, the 200-mark was crossed.

Among this number there are now 21 pairs in which both the dams and daughters have received the Gold Medal award and two instances of three direct generations ("a double run of three", as the cribbage players would count it!). One of the anchor cows in such a trio likewise earns further distinction with two Gold Medal daughters.

This family honor goes to the University of New Hampshire trio, UNH Perfection Echo (VG) and her two daughters, UNH Everlasting Harriet and UNH Mike Liza — both VG and all three with lifetime records above 200,000 lbs. Harriet's daughter, the Excellent Nova, completes the first three-generation group.

The second three-generation group was bred and developed at Elmwood Farms and is announced in the January 23 report (No. XII) — Posita Greenaway Nellie, Skokie Princess Nell and National champion Skokie Princess L. Nell. These are two extremely solid breeding families and the awards now qualified confirm long recognition of greatness.

We come now to another exclusive sub-division in the Gold Medal Dam list. This is the list of mother-daughter pairs in which both are Gold Medal Dams, both classified Excellent and both with life records above 100,000 lbs. There are thus far but three such pairs. Here they are:

Weber Burke Dusty Jo (EX-GM)
Life record 112,377 - 3744.6.
Developed by Rocky Hill and Sequoia Ranch, Springville, Calif.

Rocky Hill Mont Burke Dusty Jo (EX-GM)
Life record 151,390 - 6350.
Developed by breeder Rocky Hill and Lavacre Farms, Hughson, Calif.

Miss Valentine Hazelwood Burke (EX-GM)
Life record 194,639 - 8041.
Photographed at 17 years, 5 mo.
Breeder and developer, C. W. Henry, Greeley, Colo.

Miss Valentine Burke Belmont (EX-GM)
Life record 101,727 - 4215.
Present owner George Maxey, Greeley, Colo. at halter.

Lashbrook Supreme Pearl (EX-GM)
Life record 124,120 - 4556.
Developed by breeder, A. J. Lashbrook, Northfield, Minn.

Lashbrook Salo Pearl (EX-GM)
Life record 111,336 - 4585.
Developed by A. H. Bruce, Northfield, Minn.

The first two mothers listed are both daughters of Wisconsin Admiral Burke Lad, and both are now gone. Miss Valentine Hazelwood Burke is his highest lifetime record daughter. George Maxey, now the owner of the Henry Farm and herd, reports that Miss Valentine Hazelwood Burke had to be put away last September at the age of 17. The daughter, Miss Valentine Burke Belmont, 9 years old, freshened August 8 with a pair of mixed twins and is adding further to her record.

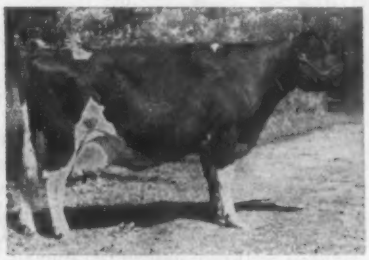
The accompanying pictures of this exclusive brood cow class may be of interest. These pictures of the Colorado pair are new to **World** readers, having been made since their awards were announced. —M.S.P.

EX-GM DAUGHTER-DAM PAIRS

DAUGHTERS

ROCKY HILL MONT BURKE DUSTY JO

DAMS



WEBER BURKE DUSTY JO

MISS VALENTINE BURKE BELMONT

MISS VALENTINE HAZELWOOD BURKE

LASHBROOK SALO PEARL

LASHBROOK SUPREME PEARL

Editorial . . . .

Another Measure of Efficiency

Judging from our recent mail there is considerable interest in the use of a figure showing a cow's production average per day "from first freshening," or "from two years of age." Such an average does indeed provide a useful indication of a cow's efficiency of production, including as it does every day of life from a certain point—days dry as well as days milking. Obviously this average per day will emphasize the difference between a poor breeding cow — even one with several good records—and the persistent producer and reproducer. This, of course, explains why an average per day figure is of value and interest to the thoughtful breeder of Holsteins.

At least three different periods for computation have been suggested for arriving at an "average per day" figure. One is to include all days following the animal's first freshening; another is to include all days following the animal's second birthday; and the third is to use every day of life starting with the animal's date of birth.

While research indicates that heifers should be bred for early calving. still the practical considerations of the milk market determine the time at which many heifers are bred. If quotas or seasonal milk prices are a factor, dairymen will breed their heifers accordingly even though this may result in heifers freshening several months past the theoretically correct age of approximately two years. For this reason we favor an average figured on days of life after first freshening, rather than from 24 months of age.

We are opposed to an average computed on total days of life. Such an average, handicapped by the inclusion of some 700 or more non-productive days, will show little contrast between individual animals unless there are extreme differences in production. Furthermore the final average pounds per day will be unimpressive except for the most unusual producers. After all, no one expects the heifer to produce during her first two years of life, so let us not distort the figures by including the pre-freshening period.

The average production per day figure provides another practical measure of cow efficiency. We hope interest in its use will expand.

Pleasing Report From Brattleboro

Statistics from the Registry Department of The Holstein-Friesian Association of America point up the continued growth of interest in the Holstein breed.

Applications for registry of Holsteins during January and February of this year total 61,357—the largest for the first two months of the year in the history of the Association. By comparison 51,283 applications were received for January and February of 1957 and 53,851 for the corresponding months of 1958. Figures for January and February of 1959 are distorted because of the rush of applications received in the fall of '58 due to the fee changes that went into effect at that time but for the record 46,506 applications for registry were received during the first two months of 1959.

Considering 1958 a normal year transfer applications are holding their own at 23,400 for the two months while membership applications total 457, a substantial increase over 1958. Secretary Rumler informs us that business is continuing at a record pace during this month (March).

Classification and official production testing programs also continue their increase in popularity. Only recently the 100,000th Registered Holstein cow was reported on official production test. The "New Buyers" for 1959 again totalled slightly higher than 1958 in spite of the estimated 120,000 farms that went out of the dairy business during the year.

All in all the Holstein picture is bright but this is no cause for complacency. Registered Holsteins still are too small a part of the total dairy picture. Let us appreciate the progress we are making and use this progress as a lever to help convince still more of the great mass of dairymen of the superiority of our breed and its programs.

S. and C. Sell Negatives

An advertising announcement in this issue supplies the information that the master livestock photographers, Harry A. Strohmeyer, Jr., and John T. Carpenter, Jr., have sold their picture negatives, files and records to the Van Dervort Studio, Cobleskill, N. Y. The entire industry will note with pleasure however that Harry and John will continue to photograph cattle as in the past.

The service to livestock breeders provided by this team of famous photographers is incalculable. The following telegram sent from this office to Harry Strohmeyer last fall when he was Guest of Honor at the Dairy Shrine Club in Waterloo, Iowa, expresses our feeling for him and applies equally to John Carpenter.

"It is fitting today for the lens of the purebred dairy industry to focus at last upon Harry Strohmeyer whose master touch on the shutter has exposed every dairy breed to the critical eye of all who seek breed improvement. So many owe so much to you for your full lifetime of service to our industry. Hearty congratulations."

We are all fortunate that these two artists are continuing their photographic activities with the dairy breeds.

Promote With A Prefix

It hardly seems necessary to remind breeders of Holsteins of the importance of the use of a prefix, but occasionally we find an otherwise progressive breeder who has yet to reserve this personal trademark. To us it is unbelievable that any serious breeder should fail to take advantage of the opportunity afforded by a prefix to establish the identity of his cattle — and thus his own identity and that of his farm.

When visiting a sale, or show, or a herd strange to you, have you not sometimes felt a little lift of spirit when a familiar prefix appeared in the name of an animal that caught your attention? It is no exaggeration to say that when you are a distance from home the familiar prefix assumes some of the same importance as would meeting an old friend.

From a purely practical standpoint, the prefix, as it becomes well and favorably known, will add dollar value to your cattle. If you promote your own cattle, so much the better, but more than a few Holstein breeders have attained prominence because cattle bearing their prefix were promoted by others.

It costs nothing to reserve a prefix, and you may gain much. Write The Holstein-Friesian Association of America, Brattleboro, Vt., for full information.

News & Views
FROM THE ASSOCIATION OFFICE

Fabulous February

It's almost an understatement to say that business is booming in Brattleboro.

Virtually every phase of Association activity is rolling at a pace fast enough to make milestones almost daily occurrences!

In late January, for example, enrollment in official production testing programs topped the long-awaited 100,000 cow mark.

At last count, the actual total was 102,320. This includes 86,505 cows in 2,172 herds on HIR, 14,780 cows in 404 DHIR herds and 1,035 in 46 herds on AR test.

During the week of February 15, another new milestone went into the books with the issue of an all-time high for one week of 10,000 certificates—7,304 registrations and 2,696 transfers.

The following week, the five millionth Holstein female was registered —less than five years after "Miss Four Million" was entered in the Herd Book!

By way of comparison, it took 40 years (from 1885 to 1925) to register the first million Holstein females. Since that time the interval between million marks has been growing progressively smaller.

The two millionth female was registered in 1939, the three millionth in 1948, and the fourth, as mentioned above, in 1955. All of which adds up to still another striking reflection of continuing leadership and progress.

New Building Underway

Also worth noting is that bustling Holstein activity in Brattleboro is by no means confined by the walls of the present national headquarters building.

Taking advantage of unseasonably mild weather (by Vermont standards, at least) excavation for the new Holstein building at the East end of the present office is well under way.

When completed, the new two-story, steel-frame structure will provide a badly-needed 15,500 square feet of additional working space.

And you can find a real sign of the times in the fact that this marks the third major expansion of Association facilities in 10 years!

Election of Delegates

Meanwhile, preparations for the 75th Annual Convention June 1-2 at Syracuse, New York, continue to gain momentum.

Mailing of Ballots for the Election of Delegates was completed on February 26 — six days ahead of the deadline established in the By-Laws.

A total of 39,973 Ballots was sent out to every Association Member with a known address excluding those who have specifically requested that their names be removed from the mailing list.

To be counted, Ballots must be received in the Brattleboro office on—or preferably before—April 2, 1960.

Use the self-addressed envelope included for the purpose. Since these envelopes will not be opened until the annual canvass of votes by the Elections Committee, it is important that only the Ballot be enclosed.

In other words, do not use the Ballot envelope for applications or other material being mailed to the national office.

See You In Syracuse

Well worth repeating is that this year's Convention will be something special — the 75th anniversary, or Diamond Jubilee, of the Association.

As part of the Diamond Jubilee program, 60 specially engraved invitations to the Convention have been mailed to officials of Holstein organizations and other friends of the breed in other countries.

It is hoped that a good-sized foreign delegation will be on hand to help the Association celebrate this greatest milestone to date. Plans also call for providing the visitors with a close-up of the U. S. Holstein industry.

At the same time, there are indications that the especially memorable nature of the Diamond Jubilee Convention will attract a record turn-out of Association Members.

And right now is not too soon to start checking about your trip to Syracuse. To help you in your planning, here's a tentative schedule for Convention week:

May 30 — Black and White Show
New York State Fairgrounds, Syracuse, New York.
Clam Bake
Harden Farms, Camden, New York
May 31 — Open Forum
Hotel Syracuse
Tour and Style Show for Ladies
June 1 — 75th Annual Convention
Diamond Jubilee Banquet
June 2 — Diamond Jubilee Convention Sale.

Sparkle!

Meanwhile, it is encouraging to note that the activities of state and county Holstein organizations the country over are adding sparkle to the Association's Diamond Jubilee celebration.

If you have yet to write for your copy of "Let's Make the Diamond Jubilee Sparkle!", it will pay you to do just that today.

It's a four page leaflet literally loaded to the muzzle with suggested Diamond Jubilee "tie-ins" for your Holstein group.

Also included are full details on several specially-designed Diamond Jubilee promotional items.

Prominent among these is the special three-color Diamond Jubilee display kit. This consists of a unit of four flashingly attractive posters — just the thing for your meeting hall, fair booth or at just about any other Holstein activity.

Display kits are available for the asking to organized Holstein groups. Why not write the Brattleboro office now?

Meat For Meetings

In organizing Holstein meetings, it will also pay you to request a set of the popular new Plan-O-Grams.

Three of these are available. Each is a concise one-page suggested outline for a successful Holstein meeting.

This new series was designed to assist state and county Holstein groups in some of the program planning involved in 1960 Special Emphasis Projects.

Accordingly, the three Plan-O-Grams are devoted to Milk Marketing, Official Production Testing and the Merchandising of Registered Holsteins—projects designated for "special emphasis" this year.

Reports from Holstein organizations using this material indicate that it fills a long-felt need. Why not look a set over with an eye to adopting some of the basic ideas to conditions in your area?

PROVEN BREEDING POWER

— "RENA" — — DAUGHTER — — GRANDDAUGHTER —

RAYMAU DAUNTLESS BURKE RENA (VG)

7-10	2X	365	19851	4.7	931
9-5	2X		19724	4.2	824 *
6-7	2X	365	16358	4.6	749
5-6	2X	365	17765	4.1	732

(* SA)

Over 100,000M - still going strong.

Every mature female in this family has produced over 600 lbs. F.

RAYMAU C DAUNTLESS ROSE (VG)

5-9	2X	365	19224	4.8	923
4-2	2X	365	19070	4.6	872

Maternal sister to Rowena - EX-92 with 862 F.

RAYMAU TIDY DAUNTLESS ROSETTE (VG)

2-8	2X	365	13742	3.9	533

Maternal sister to Rosie 5y 719 F. 4.7% 5 yrs., she the dam of Rosalie - 703 F. 4.5% at 2y9m.

We specialize in **Dauntless-Dunloggin** cow families of proven breeding **power.**

RAYMOND & MAURICE KEENE
Cert. - Vac. - Acc.

RAYMAU FARM

NORTH RIVER ROAD
AUBURN, MAINE

Michigan Annual Meeting —

From Michigan - Indiana Holstein

More than 150 people, Holstein breeders and their wives, attended the annual meeting of the Michigan Holstein-Friesian Association at the Kellogg Center in East Lansing, February 1st. Held on the first day of Farmers' Week, the gathering had the opportunity to attend a meeting in the morning arranged for dairymen of all breeds by the Michigan Purebred Dairy Cattle Association. Following lunch the Holstein group then met in the auditorium for its own business.

The meeting was opened by George Pardonnet of Corunna, president of the Association. Following his opening remarks, W. H. Goetz gave the report of the secretary and treasurer.

Harold Greenhoe of Carson City, chairman of the 4-H committee, reported on the year's 4-H activities, and introduced Michigan's 4-H Holstein Club boy and girl. They are Larry Middleton of Lake Orion and Karen Spike of Milan. Mr. Greenhoe presented each with a pen and pencil set from the state Association. Also, they were awarded silver Holstein pitchers from the National Association, presented to them by Robert Rumler, Executive Secretary of The Holstein-Friesian Association of America.

Jack Budd of Belleville, chairman of the publication committee, gave a few remarks on the Michigan-Indiana Holstein, and complimented the editor on the work he was doing. He introduced Mrs. Eric Furu of Marshall, the Michigan representative of the magazine, and urged breeders to contact her with news stories and advertising.

MICHIGAN ASSN. OFFICERS
Newly elected officers of the Michigan Holstein-Friesian Assn. are, from left: President A. N. Brown, Jonesville; Vice-President W. P. Hart, Clayton; and Secy. - Treas. W. H. Goetz, Williamston. We're pleased to note they're reading the **World.**

The State Black and White Show of 1959 was a decided success, according to the general chairman of the show, Glenn Casey of Williamston. He said that a new record had been made with the number of cattle exhibited, not only in Michigan, but as far as he could determine, it could be a national record. The 1960 show will again be held at Mason, with the date this year being Friday, July 29th. The Ingham County Association will again act as host.

Gilbert Davis of Sandusky, state sale chairman, then reported on the 1959 State Fall sale, and announced that the 1960 sale will again be in charge of C. B. Smith and will be held in the Wolverine Purebred Livestock Sales Pavilion on September 10th. He reported that Michigan Holsteins are holding their own in comparison with other state sales but that he and Mr. Smith would like better cooperation in selecting cattle for consignment.

An amendment to the By-Laws was passed which read as follows: "Representation of Districts by Directors—Not more than one resident from any county in the State of Michigan shall serve on the Board of Directors at the same time."

Following this, nominations for directors were accepted from the floor. Outgoing directors who could not succeed themselves were Jack Budd of Belleville and George Pardonnet of Corunna. The third director whose term expired was Howard Wilkie of

(Please turn to page 78)

Records Completed by Daughters of

Pabst Reburke Duke – Gold Medal

← HARDEN FARMS DUCHESS ACACIA 4227550 (VG-86)

ACACIA'S Records

2-7	305	20,493	773
National fat Champion & New York State Champion			
2-7	365	23,786	913
3-8	365	26,786	991
5-1	365	28,326	1083

3-4	305 d		20,647 m	847 f
National record when made				
3-4	365 d		22,174 m	920 f
3-4	365 d		23,577 m	920 f
4-6	365 d	2X	25,459 m	928 f
Virginia State Champion				
2-9	305 d		21,263 m	683 f
National Milk Champion				
3-8	305 d		21,754 m	790 f
New York State Champion				
5-3	365 d		24,500 m	893 f
3-6	365 d		23,353 m	875 f

4-11	365 d	22,854 m	836 f
6-4	365 d	24,960 m	933 f
3-4	365 d	23,861 m	860 f
3-9	365 d	19,988 m	801 f
5-8	365 d	27,206 m	954 f
4-5	365 d	21,966 m	904 f
4-10	363 d	25,505 m	843 f
6-1	343 d	26,170 m	928 f
5-5	305 d	20,651 m	771 f
2-5	365 d	20,612 m	706 f
3-9	315 d	19,422 m	722 f
2-4	365 d	20,827 m	692 f

Actual Average of the 24 records

(18 in heifer form) 23,047 milk 857 fat

In herd after herd his sons are proving to be herd improvers.

When in need of your next herd sire remember the outstanding performance of the sons and daughters of Pabst Reburke Duke (Gold Medal).

DUKE is the sire of great production and beautiful udders.

Consigned to the Wolverine Classic

A 4-yr.-old from the heart of Harden Farms Greatest Cow Family! - -

HARDEN FARMS DUCHESS ALICE 4454106

2-3	365d	3X	22339 M	728.0 F
3-5	284d	3X	18619 M	628.7 F inc.

This 4-year-old daughter of the Gold Medal Pabst Reburke Duke is out of their famous "Mary Pontiac" cow with 238,840 lbs. milk and 8,475 lbs. fat made after reaching 7 years of age (average per day, 62.5 lbs.!) Her top record is 1122 lbs. fat. Her Excellent maternal sister has five records from 1041 to 1246 lbs. fat, she with 1102-lb. and 902-lb. daughters and a son in service at Harden's.

Harden Farms ◆ Camden, New York

Mooseheart Consigns

TO THE

ILLINOIS STATE SPRING SALE – APRIL - 9 -

ST. CHARLES LIVESTOCK CENTRE

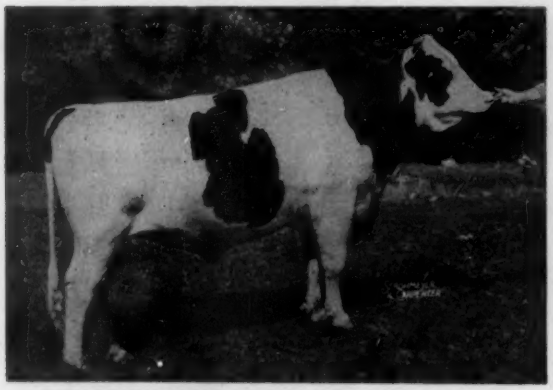
ST. CHARLES, ILL.

MOOSEHEART ANNA DEKOL ROBURKE (GP)

1y 11m 365d 2X 14,110M 3.7% 526 F.

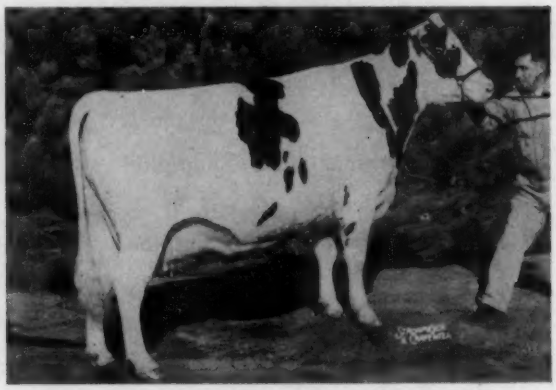
She was bred August 8, 1959 to Harden Farms Duke Merle. He is a son of Pabst Reburke Duke, GM, and out of Harden Farms King Linda, EX. with 728 F.

– HER SIRE –



PABST SIR ROBURKE RAG APPLE (EX-GM)
Second place, 1958 Honor List
Res. All-American Sr. Yrlg. 1949
Res. All-Am. 2-yr. old 1950. Member of All-Am. Produce, 1950.
399 dtrs. cl. ave. $1.2

– HER FULL SISTER –



MOOSEHEART ANNA ROBURKE (VG)
5-2 365d 16,824M 4.2% 699 F.
First dry 3 & 4-yr. old, Waterloo, 1958
First dry 4-yr. old, 1958 Wis. State Fair
Fifth dry 3-& 4-yr. old, 1958 International

— ALSO SELLING —

Mooseheart Leader Rosebud

A Moosehart Leader Dtr. out of a Roburke Dam with 439 F. as a 3-yr-old.

Mooseheart Clipper

A Harden Farms Duke Merle son out of a VG 888-lb "Roburke" Daughter.

Mooseheart Farm

MOOSEHEART ILLINOIS

City of Childhood and Great Holsteins.

Roy F. Fenwick
Dir. of Agric.

Delbert E. Klussendorf,
Dairy Supt.

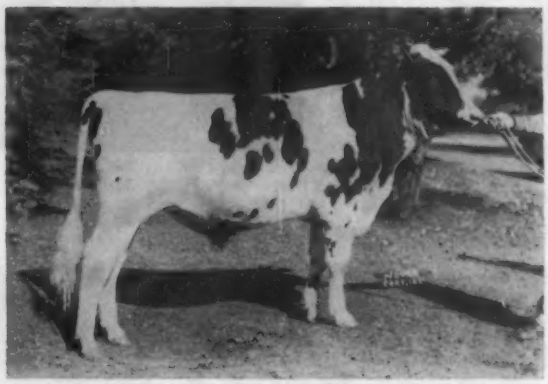
PRODUCTION Is Essential — TYPE Is Important

CURTiSS Gives You Both

CURTISS CANDY DEEN SUPERB
Excellent - Silver Medal Production
21 dtrs. ave.: 12526 3.87% 485 ME
Increase over dams: +554M +2.7% +54F.
A Rag Apple bred bull on both sides.
Sire: Curtiss Candy D A Renown
Dam: Abegwelt Hallmark "VG"
4y 305d 15531 3.9% 605

WIS SUPREME CRUSADER
Very Good - Gold Medal
14 dtrs. ave.: 13894 3.8% 558 ME
Increase over dams: +932M +.08% +32F
14 Classified dtrs. ave.: 83.7 (1 EX, 3 VG, 10 GP)
Sire: Wis Supreme (SMP)
Dam: Wis Belle Crusader
4y 365d 20539 3.7% 757

CURTISS CANDY CAPPER CURTISS
Good Plus - Silver Medal Production
77 dtrs. ave.: 14073 3.73% 525 ME
Increase over dams: +187M +.11% +23F
94 Classified dtrs. are 99.9% B.A.A.
Sire: Curtiss Candy Invincible "EX"
Dam: Curtiss Candy Madcap Faithful
6y 365d 3X 21191 4.1% 885



KING ORMSBY OSBORNDALE
A 100% Ormsby from a Gold Medal Sire and Gold Medal Dam. His 6 nearest dams ave: 21730 4.0% 864.
Sire: Sir Bess Ormsby Burke Fobes "EX-GM"
Dam: Osborndale Frances Ormsby "VG-GM"
8½y 365d 3X 24361 3.8% 926

Write for free illustrated brochure giving complete information on these and other great sires.

Selected Matings — $10.00 in most areas.

Liquid and Frozen Semen.

CURTiSS IMPROVED STUD SERVICE, INC.

A Subsidiary of Curtiss Candy Company

Otto Schnering, Founder

Five dairy breeds, 3 beef breeds and 1 Dual - Purpose

CARY, ILLINOIS PHONE: MERCURY 9-2041

GENESEE ROYAL FARMS COMPLETE

New York's Highest DHIA Herd in 1959 (Herds Over 40 Cows)

March 31st. Piffard, New York 11:30 A M

The sale will be at the farm 1 mile north of Piffard, N. Y. on River Road, 2 miles east of Route 36; 35 miles south of Rochester, N. Y. and Thruway Exit 46; 5 miles west of Geneseo, N. Y. Please drive in designated entrance. Everyone welcome.

80 Registered Holsteins

36 COWS IN MILK — 16 OPEN YEARLINGS
12 BRED HEIFERS DUE JUNE-SEPT.
12 CALVES — 4 BULLS

"VG-87" – SELLING

GENESEE ROYAL BRIDGET (VG-87)
5-8 233d 2X 14,160M 550F (inc.)
4-7 323d 2X 12,610M 4.0 504F
Served Jan. 11th to Sears. She was 1st aged cow and Res. Grand Champion at the 1959 NYABC Show at Ithaca.

HER SON BY "COMET" SELLING

TOPSY SUPREME BEETS
She was winner of the type and production class at the 1956 NYABC Show and one of the most outstanding cows ever at Genesee Royal.
8-3 322d 2X 19,800 3.7 729
7-3 332d 2X 15,750 3.9 603
Her son by Pabst Comet sells.

857 FAT ON 2X – SELLING

IRADALE DONNA (VG)
6-4 365d 2X 23,546 3.6 857
2nd 4-Year-Old, NYSF, 1956
Due just before the sale.

Actual Records Of Some Of The Top Cows Selling

★ **BABE KORNDYKE SUPREME (GP)**
8y 365d 2X 24,824 3.5% 873

★ **IRADALE DONNA (VG)**
6-4 365d 2X 23,546 3.6% 857

★ **LAWREVALENT PONTIAC RAG APPLE (VG)**
5-9 364d 2X 22,850 3.7% 854

★ **GYPSIE OLIVER CYRUS (G)**
8-4 351d 2X 25,500 3.3% 843

★ **LAURELCREST BETSY POSCH (EX)**
9y 365d 2X 22,300 3.8% 839

★ **ATHOLWOOD MISTRESS DAISY (GP)**
7-2 281d 2X 23,290 3.5% 829

★ **GENESEE ROYAL ROSE (GP)**
5-1 321d 2X 16,960 4.8% 816

★ **MARKER PIEBE PEARL (GP)**
7-7 329d 2X 21,700 3.8% 814

Genesee Royal Farms

Abbey of the Genesee
PIFFARD, NEW YORK

HERD DISPERSAL Thursday — March 31st

1959 DHIA Average 42 Cows 16,609M 3.7% 609F

Eight Cows Sell With Records From 814 F To 873 F - All 2X

1958 Classification

82.8 on 40 Head

1 "EX" 13 "VG" 20 "GP" 5 "G" 1 "F"

Will Be Classified Before The Sale

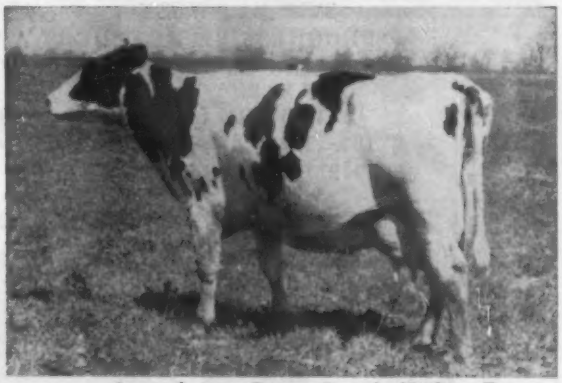
More Production Facts

At the present time on 2X

3 Cows Milking Over 100 lbs. a day
4 Cows Milking Over 90 lbs. a day
13 Cows Milking Over 80 lbs. a day
20 Cows over 80 lbs. a day

For the first quarter of 1960, the herd average is 24.6 lbs. ahead of last year's which ended up at 609 lbs. fat.

THIS EXCELLENT COW SELLS!
And Her Wis Leader Dtr. Sells with Her!



Laurelcrest Betsy Posch (EX)

PROMISING HER BEST RECORD THIS YEAR

9y	365d	2X	22,300	3.8%	839 DHIA*
8y	355d	2X	18,720	3.9%	732 DHIA*
7y	316d	2X	19,268	3.7%	720 HIR
6y	359d	2X	18,334	3.6%	660 HIR
4½y	365d	2X	16,493	3.7%	609 HIR
3½y	325d	2X	16,898	3.8%	642 HIR
2½y	313d	2X	11,640	3.8%	441 DHIA

(* Accept.)

Promising close to 24,000 this lactation.
Fresh 9-19-59 - Served 2-7-60 to Wis Leader (EX-GM)
Her son, Genesee Royal Bellboy, in service at NYABC.
A daughter, Laurelcrest Genesee Royal Bea, was 1st 2-yr-old at the 1959 NYABC Show. Another daughter, Laurelcrest Bonny Posch, has 18,000M 4.4% and 800F, 2X.

JR. CHAMPION SELLING

LAWREVALENT GENESEE ROYAL PIE

Junior Champion at the 1959 Caledonia Fair. Fresh Dec. 8th with a beautiful udder. She is a top heifer sired by a son of Spring Farm Fond Hope, classified "VG-88." Her dam has 854f, 5-9, 2X 364d.

Dtrs. Of These Bulls Selling

Pabst King Belwayne	9
Woosterdale Imperial Dean	9
Genesee Royal Combination	9
Pabst Comet	5
Sir Bess Ormsby Burke Fobes	5
Sears Farm Dean Ada Imperial	3
Wis Leader	4

1959 Show Results

At the Livingston County B & W Show and the Caledonia Fair they had 1st Aged Cow and Grand Champion and Best 3 Females. At the B & W show they also had 1st 3-yr-old and 1st produce. At Caledonia, they also had 1st sr. yrlg. and jr. champ. and 1st dairy herd. At the NYABC show they had 1st Aged Cow and Res. Grand Champ., 1st 2-yr-old and 2nd senior calf.

Herd is Certified - T. B. Accredited - Calfhood Vaccinated

Cattle Eligible For Interstate Shipment

For Catalogs or Reservations Contact

See March 12 WORLD For Complete Details

Harris Wilcox Inc.—Sales Manager & Auctioneers

Bergen, N. Y. Phone 146

Member State & National Auctioneer's Association

Al-Lou-Jan Sale

Albert Mapp, Owner — Urbana, Ohio

Farm is located 2 miles east of Urbana on U. S. Route 36 then one-half mile North.

This is a Dispersal of the Milking Herd in addition to 15 head of calves, yearlings and bred heifers. Mr. Mapp is retaining 2 cows over 10 years of age and approximately 15 head of young cattle.

- ★ ONE OF THE OUTSTANDING FARMER-BREEDER HERDS IN THE MID WEST
- ★ PROGRESSIVE BREEDERS AWARD FOR 9 CONSECUTIVE YRS.
- ★ SELLING 23 COWS WITH AVERAGE CLASSIFICATION SCORE OF 83.3
  10 VERY GOOD and 10 "GOOD PLUS" COWS SELLING
- ★ 1958 LACTATION AVERAGE: 18 L 14,866 Milk 570 Fat
- ★ 1959 LACTATION AVERAGE: 26 L 14,262 Milk 558 Fat

75% Herd Traces To This "EX-GM" Dam

SELLING 40 HEAD

WEDNESDAY MARCH 30th 12:00 Noon

8 Head, 6 yrs. and over
6 Head 4 & 5-Yr-Olds
7 Head, 3 Yr-Olds

7 Head, Bred Heifers and 2-Yr-Olds
7 Calves and Yearlings
5 Outstanding Young Bulls

DE KOL TRITOMIA BURKE ORMSBY
(Excellent-92-Gold Medal)
Over 150,000 lifetime and still producing. She is a great brood cow and the foundation cow for this herd and 75% of the herd traces to her. Known as "TRI," she has 4 "VG" sons and 3 "VG" daughters.

"Tri's" 879-lb. Granddaughter Selling

AL-LOU-JAN LOCHINVAR POSCH (VG)

2-6	365d	2X	17,617M	753 F
	(State Record when made)			
3-10	365d	2X	19,742M	879 F
5-2	328d	2X	18,604M	826 F *

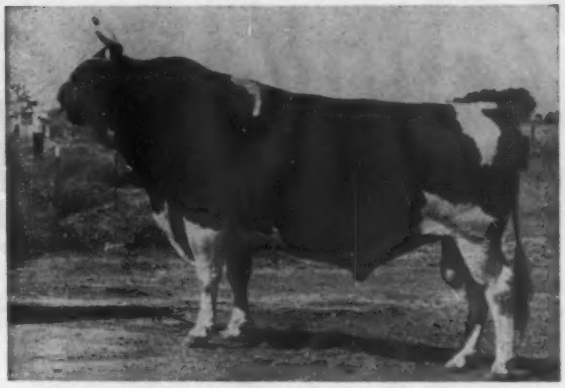
(* Inc.)

She is due sale time to Raven Burke Ideal. She is a daughter of Footprint cow pictured right. She also has a 2-yr-old daughter with 11,800M and 453F. A great female right out of the heart of the "TRI" family.

"Tri's" 783-lb. Daughter Selling

AL-LOU-JAN FOOTPRINT BURKE (VG)
A daughter of the TRI cow and the dam of the 879-lb. cow pictured left. A daughter of Dunloggin Footprint, she has a great string of records to 18,266M and 783F. A son of this cow in service at Mass. Selective Breeders. She is bred to Cash-Mar Ormsby Jerry (EX). Her Oct. Raven Burke Ideal calf sells and her 2-yr-old son by Wis Burke Ideal (VG-GM).

WIS BURKE IDEAL (VG-GM)
His 2-yr-old son out of the Footprint cow (pictured) is selling. A full brother is in artificial service in New England. What a herd sire prospect!



RAVEN BURKE IDEAL (EX-GM)
Top proven son of Wis Burke Ideal (VG-GM). Five daughters and 3 sons of this bull are selling and six head carry his service.

This Pair of Full Sisters Selling

AL-LOU-JAN TWENTY GRAND (VG-87)

2-6	362d	2X	13,980M	499F
3-6	365d	2X	14,600M	500F
4-6	365d	2X	14,312M	545F

Making between 600-650 this year.
A daughter of Creston Twenty Grand, she is out of 780-lb. daughter of the "TRI" cow. She is due to Raven Burke Ideal and she has a 2-yr-old and a 3-yr-old daughter selling with her. A maternal brother to this pair is in service at the North Carolina Institutional herds.

AL-LOU-JAN TRITOMIA DUNLOGGIN (VG-87)

2-3	344d	2X	16,398M	654F
3-3	365d	2X	17,182M	687F
4-6	322d	2X	16,480M	693F
5-6	365d	2X	18,180M	748F

Fresh since July and has over 600 fat in 7 months. Bred back to Raven Burke Ideal. A Raven Burke Ideal son in service at Oxford and District Breeding Assn. Another Raven son just sold to Marvin L. Nunes, Pt. Reyes, Calif. She also has a 5-yr-old daughter selling with 573 and 597 fat.

GREAT PRODUCTION

One cow with 19,742M and 879F. Four cows with records from 18,180M to 21,000M and 723F and 788F. Three with fat records from 600 to 700 lbs. Five with fat records from 500 to 600 lbs. Four with fat records from 400 to 500 lbs. fat. Also some top records in progress.

T. B. Accredited - Bang's Certified - Calfhood Vaccinated
Auctioneers: WOODRUFF - BRADLEY - SHIPLEY

Managed By THE OHIO HOLSTEIN-FRIESIAN ASSOCIATION, Wooster, Ohio

2 Daughters Selling

AL-LOU-JAN TRITOMIA IDEAL (VG)
A son of the "TRI" cow sired by Wis Burke Ideal and in service at NOBA. His 2-yr-old daughters are just freshening and look great. Two daughters sell and 8 head are bred to him.

AL-LOU-JAN TRIMOMIA DON (VG)
First 7 class. dtrs. ave. 81.5 A son of the TRI cow sired by Pabst Burke Tritomia Don (EX-GM). He has one daughter selling and two head are bred to him.

1 Daughter Selling

40-YEAR MEMBERS HONORED AT 1960 WISCONSIN STATE MEETING
(1st row—l. to r.) John F. Hesperich, Lomira; Clarence J. Pester, Whitewater; Chris C. Jensen, Colfax; N. P. Becker, Almena; Leonard Seybold, Forest Junction; Fred C. Miller, LaCrosse; (2nd row)—Sam Stanchfield, Fond du Lac; Arthur Karstadt, Newton; John W. Meyers, Menomonie; Elmer Kindschi, Prairie du Sac; Walter Hood, North Prairie; Lester Booth, Cuba City. There were 14 others honored with 40-year memberships who were not pictured.

Wisconsin Annual Meeting —

In their 69th annual meeting Holstein breeders of Wisconsin at Fond du Lac completed plans for a series of district Black & White Shows culminating in a state show at Oshkosh on July 21; elected three new state directors with Paul Christoph as their new President; and voted a resolution favoring the continuation of the publishing of 365 dav records in DHIR program rather than the proposed limiting of these to only 305 days. The meetings were held February 22 and 23 with Fond du Lac County club as host and an estimated total attendance of around 1000.

The first afternoon session featured addresses by Dr. D. H. Jacobsen, Research Director, American Dairy Association; and John E. Cooper, Director of Extension, Brattleboro. Dr. Jacobsen's subject was "Milk Products Research and the Consumer." Both he and John Cooper emphasized the importance of solids not fat in the milk nutrient picture. Dr. Jacobsen used slides from 16 different universities to illustrate the research that is being carried on by ADA under his supervision. Results of various surveys show that there is a consumer preference for milk that is comparatively low in fat but high in total solids. Other projects in the extensive program include the relation of milk intake to kidney stones, feed flavors in milk, value of buttermilk solids, Cheddar cheese ripening, rancidity, vitamins in cheese and the use of dried milk in blending.

Cooper's talk along this same angle brought out the fact that Holstein breeders in the future must start talking more about the amount of milk our cows produce rather than the amount of fat. He called his talk "Merchandising Registered Holstein Cattle," and stated that this was the sixth record breaking year for the national association with 22,510 active members and 98,000 cows on official test. He had five points in developing a merchandising program: breeding the proper kind of cattle; efficient marketing of milk and other products; keeping accurate records; using a cooperative merchandising program; and selling the dairy animal.

GIFT FOR THE HOUSEHOLDERS
Sam Stanchfield, Fond du Lac, chairman of the banquet and entertainment comittee for the 1960 state meeting, presents gift to Glen and Mrs. Householder as welcome from Wisconsin Holstein breeders for the Householders' return to make their home in the Badger state.

Following the two speakers was the presentation of the Progressive Breeder awards by Fieldman Charles Brace; seven of these were won for the first time this year while nineteen other breeders recieved their bars for completing the requirements for additional years. President Floyd Jones of Bangor gave out the certificates to the 26 forty-year members.

Harold Draeger, Fort Atkinson, made the presentation of awards of the membership and activities contest. In the group 1 (larger membership class) Jefferson County was the winner with Dane County second and Walworth county third. Last year Brown county came into permanent possession of the Pabst Trophy through winning first three years in succession; this year Marathon county was first in this division and won the new Sontag trophy, offered in memory of the late state secretary, Art Sontag. In a later session a resolution was submitted from the floor to discontinue the county contest and use the money for other projects; this resolution lost by a very slight margin.

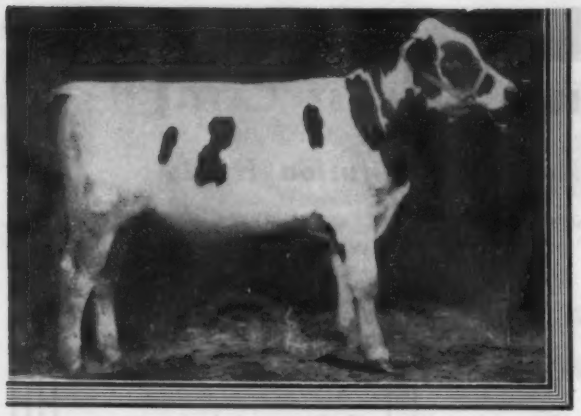
Frank Howard of Whitewater, chairman of the junior activity committee, made the various awards to the boys and girls. William Hageman, Fond du Lac, was winner of three of the honors, namely, Wisconsin Champion Holstein Boy, winner of the Howard Clapp Memorial Trophy and 4-H Leadership award. He is the son of Mr. and Mrs. Harold Hageman, is now attending the University of Wisconsin Short Course, and was just recently married. He now owns 25 purebred Holsteins of his own and has exhibited his Holsteins at many local, district, state and National shows winning several trophies and championships for showmanship.

Wisconsin's champion Holstein girl is Marly Nichols of Mt. Hope. Daughter of Mr. and Mrs. Keith Nichols, she is now in her second year at Platteville State College. She owns five purebred Holsteins and had a 2-year old heifer nominated for Junior All-American in 1958.

The 4-H boys honored besides Hageman were, Jerry Massie of Chetek; Ronald Hoyer of West Salem; Richard Klug of Merrill; Eugene Long of Weyauwega; Douglas Fesen-

(Please turn to page 76)

WISCONSIN OFFICERS FOR 1960
(L. to r.) Norman Rasmussen, Lone Rock, re-elected secretary; John Doornink, Baldwin, vice-pres.; and Paul Christoph, Chilton, newly elected president.



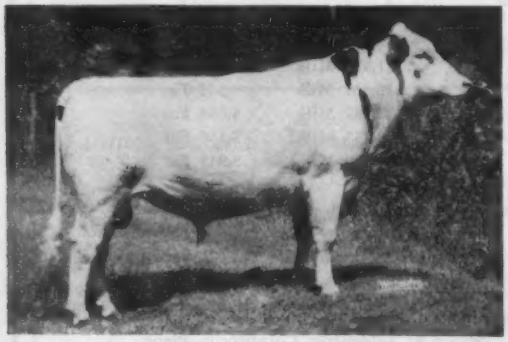
— HIS DAM —

ROCK RIVER BURKE GEWINA (VG-88)
aAa - SRR

6y	365d	3X	27,315M	3.7%	1011F
7y	365d	3X	26,630M	3.7%	983F

Life: 106,065M 3,928 F 5 lacts. Has son, Rock River Master Gewina, at Badger Breeders, Shawano, Wis.

— HIS SIRE —



ROCK RIVER COUNT
(EX-90 at 3 yrs. - aAa SSR)
Count now weighs well over 1½ tons; his dtrs. are just beginning to calve - the udders, beautifully veined, fine textured and milking very well.

Rock River Count's sire is Budd Farm Master Duke, VG son of the VG-GM Budd Farm Lauxmont Master, he from the GM Erindale Lady Lauxmont cow with 1362 F., (204,335) life. Budd Farm Master Duke's dam the incomparable EX. 94 and GM Dunloggin Duchess Anna with 941 F. Her dtrs. with 1487, 1479, 1076, 1015, 1030, 998, 922 F.

To

Mistwood Farms -

of Rapidan, Virginia

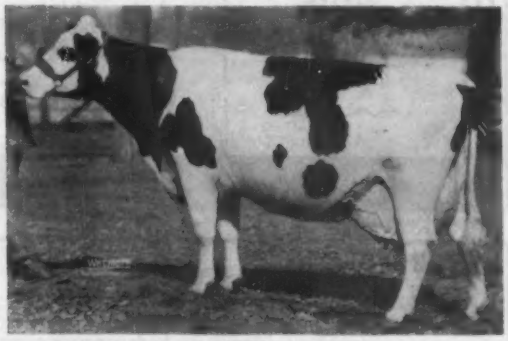
GOES THIS YOUNG BULL WITH A PEDIGREE UNMATCHED FOR PRODUCTION AND TYPE —

← Rock River Double Gewina — Born July 28, 1959

His analysis: aAa RSR (***)

This youngster has for both his paternal and maternal granddams the famed Haven Hill Crescent Gewina Count . . . by virtue of what she has done in production and transmission his double heritage of proven genetic prepotency certainly stamps him as a bull with a great future. Being conformed much the same as his sire, "Count", and his double granddam, "Gewina," there is little doubt that same uniformity will be projected to his offspring.

— HIS DOUBLE GRANDDAM —



HAVEN HILL CRESCENT GEWINA COUNT
EX-95 aAa SSR

8y	365d	3X	38,878M	3.9%	1523 F.

other records: 1283, 1069, 963, 900, 716 F. Lifetime over 190,000 M 7,500 F.

The three nearest dams of R. R. Double Gewina ave. 365d 1352 F 35,023 M.

Sire:
ROCK RIVER COUNT
Dtrs. just starting to freshen.

Dam:
ROCK RIVER BURKE GEWINA (VG)
Records of 1011 F. and 983 F and 106,065M 3,928 F. in 5 lact.

BUDD MASTER FARM DUKE (VG)
Both dam and sire are Gold Medal.
Plus proven 12-lbs. on 15 prs.
H. H. CRESCENT GEWINA COUNT (EX)
8y 365d 3X 38,878 3.9% 1523F.
(see other records above)

MILKMAN BURKE DIRECTOR (GP-SMT)
Plus proven - son of Pabst Burke Breeze from the EX. Milkmaid Ormsby Jana - 2 records over 1000 F.
H. H. CRESCENT GEWINA COUNT (EX)
(See above)
Highest living milk producer, over 190,000 M and 7,500 F.

The pedigree of Rock River Double Gewina is fraught with many, many records exceeding 1000 F. not to mention a considerable number of records in the 900 and 800 F. bracket — the closely related animals are all EX. or VG.

"SLINGERLAND" *Rock River Farms*

BYRON, ILLINOIS

Mr. & Mrs. R. B. McLaughlin
Owners

Our sincere thanks and congratulations go to Mistwood Farm which is owned and operated by Mr. Herman Breslich, Chicago Adv. Exec., and two associates, Mr. Richard Harris and Mr. Carl Owens of Culpeper, Virginia.
*****Note the opposite analysis of sire and dam, i. e., a very desirable mating.**

SOME OF THE BREED'S GREATEST CATTLE

Have Come From Wisconsin Institution Herds

NOW 24 GOLD MEDAL SIRES BRED IN OUR STATE INSTITUTION HERDS

TWO ALL-AMERICANS OF 1959 FROM THE STATE REFORMATORY HERD AT GREEN BAY -

— **Mooseheart Pioneer** - the All-American 2-year old bull. He was also All-American sr. yrlg. of last year. Son of Pabst Sir Roburke Rag Apple from the 761-lb. Uneeda Admiral Lucinda, his full sister EX. and All-Am.

— **Wis Improver** - the All-American bull calf, son of Mooseheart Pioneer from a VG, 673-lb., 2-yr. old dtr. of Wisconsin Masterpiece, EX-GM and All-Am.

See last issue, (p. 48) for our consignment to the Watertown Anniversary sale, a dtr. of Wis Dynamo bred to Wis Ideal, her dam a Masterpiece.

CONSIGNING TO THE TENNESSEE STATE SALE —

APRIL 25 - NASHVILLE, TENNESSEE

A daughter of Wis Ideal (EX-GM) and All-American with 16 EX offspring. This Ideal daughter is out of a Wis Dynamo daughter with 601 F. as a jr. 2-yr. old. The heifer selling was bred Jan. 31 to the All-American bull calf, Wis Improver.

Watch later issues for consignments to Waukesha Anniversary Sale and Sheboygan County Sale.

Write for bull sales list to —

Wisconsin State Department of Public Welfare

Fred M. Whitemarsh, Farm Supervisor **State Office Bldg., MADISON, WISCONSIN**

Our 100,000-lb. Cows

ZELDENRUST BURTON CORNUCOPIA 2390305	**186,861 Milk**	**6,950 Fat**
ZELDENRUST BURTON CORNUCOPIA 2d 2602654	**111,576 Milk**	**4,015 Fat**
ZELDENRUST CORNUCOPIA PIEBE 2667337	**113,161 Milk**	**4,351 Fat**
ZELDENRUST CLARK GABLE BURTON 2812660	**122,537 Milk**	**4,668 Fat**
OAKTON CORNUCOPIA KBKO ORMSBY 2891885	**102,255 Milk**	**3,856 Fat**
OAKTON CORNUCOPIA MARY 2997101	**102,040 Milk**	**3,943 Fat**

Zeldenrust Burton Cornucopia is a former National Champion 2-year-old and Cornucopia 2D and Cornucopia Piebe are both her daughters. Cornucopia 2D is also an Ohio record holder.

The dam of our senior herd sire, **OAKTON BURTON SOVEREIGN,** is the 186,000-lb. Zeldenrust Burton Cornucopia.

Cornucopia Piebe is the dam of another former Ohio State Champion. Piebe was also an Ohio record holder replaced by KBKO Ormsby.

The dam of our junior sire, **OAKTON BURTON DON,** is a daughter of Zeldenrust Cornucopia Piebe.

Another junior sire, **OAKTON SOVEREIGN BURTON DUKE,** is a double grandson of Zeldenrust Burton Cornucopia. He is a son of Oakton Burton Sovereign out of Zeldenrust Cornucopia Piebe.

We have a top bull calf for sale. He is a son of Oakton Burton Sovereign out of an 807-lb. 2X daughter of Oakton Cornucopia Mary, one of the 100,000-lb. cows listed above. Write today or call Hermitage 2280.

OAKTON HOLSTEINS

Harold Montgomery, Gainesville, N. Y.

Minnesota Holsteins

For service in purchasing Minnesota Holsteins please write:
A. J. LASHBROOK, Sec'y., Minnesota Holstein-Friesian Assn., Northfield, Minn.

Beaver Oaks Stock Farm

We are proud of our Carnation herd. Now using our fifth consecutive Carnation herd sire . . .

Carnation Hit Parade

7 nearest dams average 957 F.

One of our foundation cows is Beaver Oaks Pride Burke (VG). At 15 years she has 141,209 lbs. milk, 5,185.5 lbs. fat on 2X and still a strong, vigorous cow. She has daughters and granddaughters making over 500 lbs. fat as 2- and 3-year-olds on 2X milking.

Choice bull and heifer calves for sale. We welcome you at the farm.

John Crabtree

New Richmond, Minn.

Kashome Holsteins

Our Calves by
CHRISTY SUPREME ACE
Are Now Arriving

"Supreme" is a son of Carnation High Merit (VG) and Christy Homestead Susanna (VG - Gold Medal Dam). The next dam is also VG and Gold Medal.

Some of these calves will be from granddaughters of Governor of Carnation.

Other Bulls and Heifers
Also Available

Kenneth Kasper & Sons

MEDFORD, MINN.

HIR Test - Classified

Meet Our New Sire

Skokie De Kol Duke 1330985
His 7 nearest dams average 816.2 F 4.0% 20072 M. We are breeding 30 head to him this year, the balance to "Gypsie", our senior sire.

Bred to "Duke":

Abbekerk (VG)	694 F.
Piebe (EX)	723 F.
Bell Trit (GP-84)	730 F.
Winnie Fayne (GP-2y)	670 F.
Bell Pearl (GP-3y)	786 F.
Adeen (GP-2y)	688 F.
Morag Jewel (VG)	416 F.

Breeding stock for sale. See next issue for details on Waukesha consignment.

Ellenvale Farm

Don Sloan - Ellendale, Minn.
1959 DHIR Avg.: Vaccinated
15023 M 3.7% 555 F Classified

Esmur Downs Farm

ROCHESTER, MINN.

The oldest cows in our herd are daughters of **Pabst Rowayne.** We still have seven of our own breeding. Their names, classification and life records are as follows:

1. Pet (GP) 2832d	115557 M	4368 F
2. Beautyrow (G) 2617d	120449 M	4359 F
3. Ollierow (G) 2371d	93949 M	3560 F
4. Snowdrop (GP) 1986d	92560 M	3571 F
5. Jewel (VG) 2038d	81500 M	3435 F
6. Dirow (GP) 1352d	49620 M	2008 F
7. Segis (GP) 1228d	55790 M	2166 F

Bulls of service age for sale from cows 4 and 5 above.

DR. H. E. ESSEX, Owner

Heins Bros., Operating Partners

"FILCO" HOLSTEINS

Since 1905

The foundation females for our present herd of 100 registered Holsteins were purchased in 1905.

Our Sr. Sire

BRAUN'S SUNNY LEA RAVEN
Excellent - Gold Medal
+2762 M +.02% +105 F
Increased type 3.25% expectancy. We have 40 of his daughters in our herd today. Udder structure and urge to produce are outstanding.

Sons for sale from 800-lb. classified dams. Visitors and inquiries invited.

Filk Farms

H. W. FILK & SON
Hutchinson, Minn.
HIR Test - Class. & Vacc.

A Smart Bull Calf

Offering a service age son of the VG-Gold Medal CARNATION PROFILE, out of a VG daughter of Carnation Lieutenant Colonel (VG-SMP) with 14,163 lbs. of 4% milk, 587 lbs. fat as a jr. 2-yr-old. Next three maternal dams all over 100,000 lbs. milk on 2X. Especially deep bodied, square in the rump, marked half and half in solid colors.

Write, wire or phone today!

OUR HERD SIRES:

CARNATION BUTTERBOY HY-TONE, son of Butter Boy out of another sister to the produce of dam that was Hon. Men. All-American for Carnation last year.

GLENAFTON ALLURE, son of "Signet" out of a 709-lb. 2-year-old daughter of Glenafton Engraver.

Glenrich Holstein Farm

R. E. DONALD

CANTON, MINNESOTA

CALIFORNIA BOARD OF DIRECTORS

Seated, from left: Secy. R. H. Rumler, Natl. Assn.; President Wes Sawyer, Waterford; Secy.-Treas. A. J. Quist, Fresno; Mark Borror, Springville; standing: W. Leland Swall, Tulare; Melvin George, Dixon; W. N. Lindskoog, Turlock; Dr. R. V. Jessup, Glendale; Joseph Trindade, Jr., Merced. Not pictured were Vad Jelton, Healdsburg, and George Hopkins, Gilroy.

PBR RECIPIENTS AT CALIFORNIA MEETING

From left are Bill Clark, Hanford; John Wackerman, Orland; Mrs. Wesley Clark; Prof. Harmon Toone, Calif. State Polytechnic College; W. N. Lindskoog, Turlock; Russell, Earl and Mrs. Earl Graham, Ceres.

California Annual Meeting — —

By Fieldman Rus Shortridge

In his President's message to the Annual meeting of the California Holstein-Friesian Association, Wes Sawyer, Waterford marked many of the accomplishments and the progress made during the year 1959. He mentioned the large increase in state membership, the improvements made the resulting fine relationship established with 4-H and FFA, the importance of voluntary contributions made by our breeders both to our own organization and to the many dairy organizations of the state.

The meeting was held in Hanford of February 20 and was attended by well over 225 persons, of which some 100 of the men heard National Secretary Robert H. Rumler at a noon luncheon tell them of the status quo of the National Association. "Being the majority breed entails many responsibilities and challenges and we as breeders must keep our sights set on the right kind of a dairy cow," said Mr. Rumler.

National Director Mark Borror reported on new deelopments as well as proposals for the future in the National Association. He pointed out the great need for being on the alert to make the necessary adjustments for the changing times.

National Fieldman Rus Shortridge, in his report, gave a resume of his work and outlined a long range program of activities for the State and local organizations in California.

Among the major resolutions adopted from the State Committee reports were the following:

1. That the State PDCA should be requested to formulate an Official Testing committee to investigate the possibilities of standardizing HIR Testing fees at the local level.

2. To request local DHIA Organizations to refrain from publishing the California Mastitis Test Results on individual herds as it served only to defame an otherwise wholesome, healthful product.

3. To request proper authorities to adjust the tolerances of antibiotics residues, etc. in milk to be no more severe than in other food products.

4. To extend the appreciation of the State Association to the host club The South San Joaquin Holstein Association — for the friendly hospitality, fine entertainment and facilities in hosting our state meeting.

Dr. Harold J. Schmidt, Lavacre Farms, Hughson was chosen to receive the unanimous support of the California Holstein Association as nominee for the expiring term of National Director Mark Borror.

Numerous amendments to the State By-Laws were made. The major one changed the age limits for Junior Membership from 18 years to 21 years of age.

Board Meeting

In a meeting of the board of directors prior to the annual meeting, the board approved the applications for membership of 65 individuals of which nearly 40 were for junior membership.

Reelected to the State Board of Directors were Alvin J. Quist, Joe Trindade, Jr., and Melvin George. (See picture caption for members of Board).

Prof. Robert Selkirk of Fresno State College served as MC at the Annual Banquet, which culminated the Holstein activities for the weekend. At the Banquet numerous recognitions were presented.

Receiving the National Progressive Breeder Registry Award were Calif. State Polytechnic College Cal-Clark Farm, Midland Holstein Farm, Wackerman Bros., Wallace Lindskoog. Presentations were made by Secretary Rumler.

The A. J. Quist Memorial "Young Breeder of the Year" Award went to the Wackerman Bros. of Orland, who in their short time as breeders have not only built a herd to qualify for PBR, but have produced an excellent cow which was home bred all the way and of course have developed Gold Medal Sires. They have been active both in the local and State organizations.

The Senior Breeder Award went to E. E. Freeman of Modesto, Former National Director and outstanding breeder of the nation.

The State "Holstein Breeder of the Future" Awards went to Bruno Sala, Salinas (FFA), Anthony Tognazzini, Guadalupe, and Sue Ann Smith, Escalon (4-H). Winners of the Junior Holstein Production Contest were also announced. They were, Richard W. Baldy, Chowchilla (Aged Cow), Dennis Drew, Petaluma (3-yr-old) and Joaquin J. Cabral, Crows Landing (2-yr-old).

(Please turn to page 44)

A Son and Daughter of ROSAFE CENTURION (EX)

To The Wolverine Classic Monday, April 11th

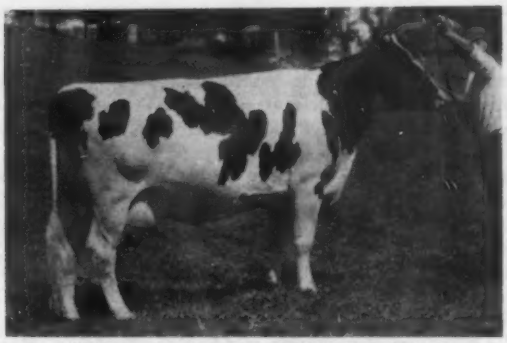
- BOND HAVEN CENTURION PAL
- BOND HAVEN CENTURION MONA

PAL

BOND HAVEN CENTURION PAL
His three nearest dams ave.:
21,587 M 3.81% 820 F
A lot of great Texal breeding in this pedigree.

Bond Haven Centurion Pal's sire, Centurion, was the Leading Honor List sire of Canada, 1958 and runner-up in 1959. Eight daughters have completed 2-year-old 2X records in our herd that average 15,331 Milk 3.61% and 551 lbs. fat. A number of others are doing equally well now. Recent visitors have been much impressed with their type. Pal's dam, in addition to her 840-lb. rec., has two other records well over 600 lbs. fat and her first five lactations total 83,640 M 3.84% 3215 F.

PAL'S 840-LB. DAM



LOCUST LODGE LAVENDAR LASS (GP)
4y 365d 2X 20,648 4.07% 840
4 lacts. average: M 143 F. 148%
Dtr. of Rembco Texal Sovereign (EX) out of 748-lb. dtr. of Lonelm Texal Fayne (VG).

Pal's full sister, Bond Haven Centurion L Lass (GP) has 2y 365d 2X 15,738 3.72% 585 lbs. fat — M 150 — F 151% of BCA, and is one of our best Centurion daughters. Another full sister sold for $1250 at the 1958 Sale of Stars.

Pal is a top individual. He is very big for his age and could make a top junior yearling for this year's shows. He should also be one of Centurion's best breeding sons.

BOND HAVEN CENTURION MONA, 2y 365d 2X 15,379 3.85% 592. She is a top individual three-fourths black and nicely marked. She is one of the best Centurion daughters we have parted with and is out of a top cow family. She is carrying a very valuable calf being due to Roybrook Revelation, twice Res. All-Canadian son of ABC Reflection Sovereign, in early May.
Mona's dam is Bond Haven Rag Apple Mona (VG) with 6y 365d 3X 22,288 3.97% 884 F and a long string of other top recs., including 711 F at 5y. Seven lacts. total 116,257 M 4647 F 4.0%. Two dtrs. are VG and GP with 671 and 651 F, respectively. Second dam a VG — 2 Star twice over 800-lb. dtr. of Lonelm Texal Count.

This heifer and bull are paternal brother and sister to the All-American Junior Yearling Bull, 59.

See This Pair On April 11th
At the 14th Wolverine Classic
Williamston, Mich.

BOND HAVEN FARM
BEETON, ONTARIO
C. J. CERSWELL, Owner
EARL WOODROW, Herdman

Centurion Daughters

GROUP OF MILKING 2-YR-OLD CENTURION DAUGHTERS AT BOND HAVEN
These young cows are paternal sisters to our consignment. Note their outstanding udders.

DUNLOGGIN BLOODLINE

Rag Apples and Dunloggins at Poplar Point Farm

American Rag Apples

SENECA FALLS, NEW YORK

E. R. SMITH, Owner

Acc. - Cert. - On Rt. 89, 6 miles south of Seneca Falls

SHEFFIELD FARMS DISPERSING

Announcement is made elsewhere in this issue of the decision to disperse the popular Sheffield Farms herd of John Malcolm, St. George, Ontario, at Oakville, on May 25th, the day following the Canadian National Sale. The dispersal is under the management of Hays Farms Limited.

Sheffield Farms have been one of the dominant herds of Ontario for the past several years, concentrating on the bloodline combination of ABC Reflection Sovereign and the popular Bond Haven Rag Apple Maple. Their former foundation herd sire, Paul Texal Rag Apple, was a 100% brother to "Maple." Their last complete herd average was 15,731 lbs. milk, 3.89%, 610 lbs. fat, 34 records. Since the end of that testing year 23 more lactations have been completed averaging 643 lbs. fat, 4.02%. The herd includes 9 Excellent and 13 Very Good animals. In the past two years they have exhibited eight All-Canadians and three Reserves.

The herd includes 25 daughters of Rosafe Sovereign Supreme (EX). Twelve are milking and the first five to complete records average 13,257 lbs. milk, 4.02%, 524 lbs. fat (a 68-lb. increase over the 456-lb. fat dams). Ten have been classified, three rating Very Good and the other seven Good Plus.

CALIFORNIA CLUB SALE SECOND

Fieldman Russ Shortridge points out that we omitted an important Club sale in our report of the Holstein Sales of 1959 which appeared in the February 27 Issue.

The Southern California Holstein-Friesian Association, one of the six local Holstein clubs in California, held their sale on November 21 with 33 head averaging $662.88. This places the Southern California Club sale second for all Club sales held in 1959. Our apologies to the Southern California Club members and we are happy to set the record straight.

MOSCRIP SCHOLARSHIPS ESTABLISHED

Two new scholarships have been established by the Minnesota Dairy Industry committee for undergraduate work in dairy production at the University of Minnesota, according to C. L. Cole, dairy husbandry department head.

The two grants of $300 each were founded in honor of W. S. Moscrip of St. Paul, internationally-recognized dairy cattle and dairy industry authority who was killed in an auto accident Nov. 1, 1959.

Moscrip was a founder and past-president of the Minnesota Dairy Industry committee, from which grew the American Dairy Association.

Recipients of the scholarships will be chosen according to academic aptitude and high school achievement, vocational promise and demonstrated work in dairy production, personal attributes of citizenship and character and potential for leadership.

More Recent HIR Records Made by Our Dunloggins in Our Loose Housing Setup

Last month we told you about our 1011-lb. cow, Hedge Acreston Rich (VG), a daughter of Creston Rag Apple King (SMP) out of a 923.7-lb. daughter of Dean Rag Apple Ormsby (SMP).

Although the following are not 1000-lb. records we are pleased with them as they were made under our strictly practical conditions.

MILLER ACRES MELOTIME (VG-88)
4y 5m 365d 3X 18,500 3.7% 690
A dtr. of Maple Haven Master Var. Her 4th maternal dam - Cornell Lassie Pride (EX).
(Melotime's son, Twingap Skokie Jewel, by Skokie Golden Prince "VG-GM" is seeing considerable service in our herd.)

HEDGE HARMONIOUS IDEAL
6y 10m 365d 3X 17,457 4.4% 773
(Her maternal granddam the twice over 1000-lb. Roal Hengerveld Ormsby Bessie.)

HEDGE ADEAN THEA
6y 6m 337d 3X 15,604 4.2% 658
(Her dtr. Twingap Dunloggin Veda "GP-84 at 2y" has 630 f at 2y - a dtr. of Cashman Gracious Woodmaster "EX-SMT.")

HEDGE AGOLD BELLA (VG-86)
5y 10m 365d 3X 14,650 4.4% 638

HEDGE TWINGAP SARA (GP-83 at 2y)
3y 9m 318d 3X 15,066 4.0% 604

We are always pleased to show our Dunloggins to visitors

FRED THOMASES, Owner

RICHARD SOWIERALSKI, Manager

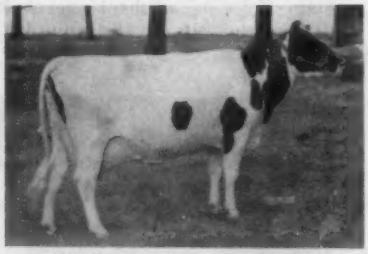
Twin Gap Farm

Rd. 1 - Mt. Bethel, Pennsylvania

HAWTHORN-MELLODY FARMS
LIBERTYVILLE, ILLINOIS

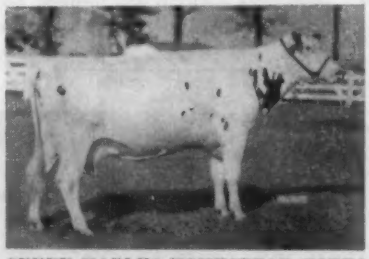
BULLS FOR SALE

Sons Of



DEKOL OOSTIE PIETJE (VG)
Grand Champion Mooseheart B & W
365d 7y 3X 28,207 3.5 988
Now milking over 100 lbs. daily, 4.1%
Dam of Hawthorn Pietje Imp.

BAKER VOYAGEUR NIG (VG)
1st at Illinois State Fair. 1st at Kentucky State Fair. 1st at Michigan State Fair. 1st at Mooseheart. Now milking daily 3X 80 lbs. 4%. She is dam of Hawthorn Baker Hamilcar.



SUNNY MAPLES HOMESTEAD FOBES
338d 9y 3X 22,028 M 662 F
365d 7y 3X 24,566 M 896 F
She is the dam of Hawthorn Rosafe Major and Hawthorn Centurion Fobes.

Hawthorn Pietje Imp

Born Jan. 25, 1960

He is sired by Hawthorn Anna Rita whose dam, Anna Rita Imp, made:

Fat	305d	8½y	745 F
Milk	(2X - 3.7%)		20,169 M
Fat	365d	9-11	800 F
Milk	(3X - 3.5%)		22,750 M

Hawthorn Baker Hamilcar

Born Dec. 29, 1959

He is sired by Rosafe Pearl Hamilcar, son of ABC Shamrock Mildred with: 305d 9y 3X 23,022 M 3.55% and 817 F.

Hawthorn Rosafe Major

Born Nov. 29, 1959

Sired by Rosafe Pearl Hamilcar

Hawthorn Centurion Fobes

Born Dec. 8, 1958

Sired by Rosafe Centurion (EX) whose dam, Glenvue Nettie Jemima made: 9y 323d 3X 24,012 M 3.64% and 873 F.

The above are but a few of the young and serviceable age bulls now on hand. For those interested in top quality, we offer heifers, springers and milking cows with outstanding breeding for both production and type.

Visitors Always Welcome

Hawthorn - Mellody Farms

LIBERTYVILLE, ILLINOIS

CALIFORNIA (from page 40)

Joe Trindade, Chairman of the State Membership Committee presented the Membership Drive Award to the So. San Joaquin Holstein Assn. for signing up the most new members. Doing the work were Bill Clark Joe Bono, Ray Sepeda and James Reed.

Mrs. Wesley Clark was General Chairman for the Annual Event and was presented a gift of appreciation by the So. San Joaquin Group.

Fieldman Rus Shortridge and Mrs. Shortridge, State Office Secretary, were presented a silver gift by the So. San Joaquin Holstein Assn. The presentation was made by John Verboon.

John & Jean Wackerman representing Wackerman Bros., Orland, receive the A. J. Quist Memorial "Young Holstein Breeder of the Year" award at Calif. Annual Meeting. Presentations were made by Carl Avrit, veteran Holstein breeder from Chico.

Secretary Rumler gave some interesting sidelights of his recent trip to Europe in his address at the Banquet which brought to a close the festivities for the weekend, (formal activity ties that is). The remainder of the evening was spent dancing and carrying on a good old fashioned Holstein gabfest. Sunday morning well over 125 people showed up at an Open House celebrating 50 years of Holstein Breeding at the home of Mrs. Wesley and Bill Clark, Hanford (Cal-Clark Farm).

California State winners in the "Holstein Breeder of the Future" contest. From left are Anthony Tognazzini, Guadalupe (4-H); Miss Sue Ann Smith, Escalon (4-H); and Bruno Sala, Salinas (FFA). Bruno was previously chosen State and Pacific Region Star Dairy Farmer in FFA.

PENN STATE DROPS 3X MILKING

W. Homer Cloninger, Associate Professor of Dairy Production at The Pennsylvania State University, University Park, Pa., writes to inform us that as of March 1, 1960, three-time-a-day milking was discontinued. This important decision was brought about mainly by ever increasing labor costs.

SKOKIE GRACIOUS DUKE

This February 1959 son of Skokie Duke and Skokie Golden Gracious Cora (VG-89) is the second of two young bulls purchased from Elmwood Farms, Lake Forest, Ill., by Jose Maria Bustillo, Buenos Aires, Argentina. The sire, Skokie Duke, is a Pabst Leader Duke (VG) son of Skokie Golden Joy (EX) with 1301 lbs. fat on 2X at 5 years, National Fat Champion in the same lactation for 305 days. The dam is a daughter of Skokie Golden Prince (VG-GM).

STROHMEYER & CARPENTER, INC.

AN ANNOUNCEMENT

The Van Dervort Studio, Cobleskill, N. Y. has acquired our file of negatives, also the files and records pertaining thereto, and will take possession of them about April 15th. Up to that time duplicate prints should be ordered from Strohmeyer & Carpenter as formerly but after that time all orders for duplicate prints should be sent to The Van Dervort Studio, Cobleskill, N. Y. Phone 614. The same promptness of service and print quality will be maintained.

H. A. Strohmeyer, Jr. and John T. Carpenter, Jr., as individuals, will continue to photograph the cattle as in the past. Our printer, Germain Sylvestre, will develop the films, make the original prints and forward them to the owner - immediately sending the negatives to The Van Dervort Studio who will supply all future prints.

— REMEMBER PLEASE —

The cattle will still be photographed and the original prints supplied by:

H. A. Strohmeyer, Jr.
P. O. Box 788
White Plains, N. Y.

J. T. Carpenter, Jr.
P. O. Box 788
White Plains, N. Y.

Harry's phone: WH 9-1188

John's phone: WH 8-2086

All duplicate prints supplied by:

THE VAN DERVORT STUDIO, COBLESKILL, N. Y.

Phone 614

AFTER April 15th, 1960

Our Reserve All-American Produce

PRODUCE OF IOWANA PRINCE MAPLE CRESCENT
Burke Maytag Beechwood Iowana (VG-87) at right and Iowana Burke Fobes Maple (EX-92).

FULL SISTERS BY MAYTAG BURKE BEECHWOOD FOBES (EX)

Their dam, Iowana Prince Maple Crescent, will soon be announced as Gold Medal.

The sire is now on lease to Piper Brothers, Watertown, Wis. where his semen is available. We have several of his daughters in our herd and four of these were second prize senior get at the strong Chicago International, first at Iowa State Fair, 3rd at Nor. Ill. B & W Show; he is plus proven in DHIA.

The excellent member of the produce, Iowana Burke Fobes Maple, was nominated for All-American aged cow, her last record, 6y 365d 819 F 4.2% 19,271 M. She was sr. and Gr. Ch. Iowa State Fair, 1st at Nor. Ill. B & W Show, 5th in milk at Waterloo and 4th (dry) at Chicago. She has an EX. dtr. and one VG.

She is the dam of our junior herd sire, Chambric Iowana Duke, a year old last July. He is sired by Skokie Duke, son of "Golden Joy."

"Beechwood" semen from Piper Bros., Watertown, Wis.

TO THE WOLVERINE SALE:
Chambric Fond Patty, 3-yr-old dtr. of Houckholme Starfire with 421 F. 4.1% at 2y 6m and 106 F. in 1st 38 ds. at 3y6m; her dam with 504 F. She will be bred before sale time.

OUR HERD CLASSIFICATION
8 EX - 18 VG - 5 GP (Ave. 87.45)

ROY & GLADYS CHAMPAYNE
Owners

Chambric Farm

LOWELL & ELSIE BRICK
Operators

CERTIFIED ACCREDITED VACCINATED

ROUTE 3, BOX 285 — ROCKFORD, ILL.
3 Miles West on Rt. 20 and ½ Mile South on Weldon Road

— CLASSIFIED — BIR TESTED

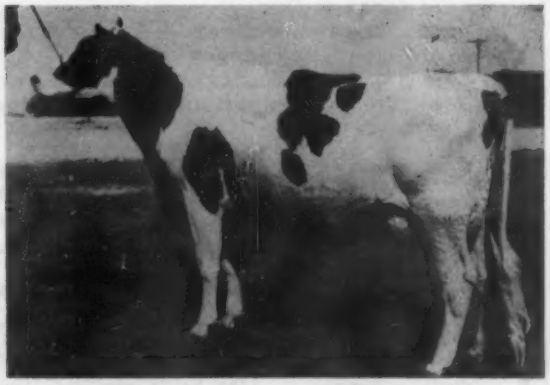
Our Newest Arizona State Champion

Dee Ann Echo Miranda

VERY GOOD (at 2y)

2-11 365d 3X 21,679 3.8% 830
Arizona AR State Leader

Her Udder: Perfect Shape — Perfect Quality!



DEE ANN ECHO MIRANDA (VG)

MIRANDA is sired by Sir Kil-Bar Re Echo (VG-88), that is proving one of the greatest sires we have ever used. "Echo" is sired by Franlo Roebuck Regent, who has three 1000-lb. fat daughters in our herd. High record sons of "Echo" are available. Send for pedigrees.

CHEATHAM DAIRY, INC.

12 MILES SOUTHWEST OF PHOENIX AT LAVEEN • ARIZONA

The First *Meriwether* born in Puerto Rico

MERIWETHER DORALEADER ROSE
WAS
FIRST PRIZE SENIOR CALF
At Puerto Rico's First Black & White Show

Her mother and father are both grandchildren of "PHOEBE," Excellent and Gold Medal, still adding to her lifetime record of 233,000 lbs. of milk on 2X.

The young showmen are grandsons of Manuel Gonzales-Qinones, and were photographed at Dorado Farms. We think it's an appealing picture, and congratulate all grandparents involved.

JOHN and KATHRYN BARTLETT
Oshkosh, Wisconsin

WHERE HOLSTEINS HAVE BEEN BRED AND DEVELOPED FOR 56 YEARS.

PUREBRED HOLSTEINS

We serve over 300 breeders of purebred Holsteins—many of these have been breeding better purebreds for 40 and 50 years. Includes many farmer-owned herds with 400 to 600 lbs. fat average. Many heifers are now being bred for fall freshening. Many are bred for winter and spring freshening. Write, wire or telephone Liberty 7-3644 Waukesha, Wisconsin. Street address: 118 Baxter Street.

Fieldman Service—
W. L. Baird — Arthur F. Bennett
James L. Gordon — Reynold Bennett

FOR INFORMATION WRITE
INTER-COUNTY DAIRY CATTLE ASS'N
BOX 177 WAUKESHA WIS.

MAPP BULL TO CALIFORNIA

Albert Mapp, Al-Lou-Jan Farm, Urbana, Ohio, reports the sale of Al-Lou-Jan Raven Dunloggin to Marvin L. Nunes, Ocean View Holsteins, Point Reyes Station, California. This young calf is a son of Raven Burke Ideal (EX-GM) and his dam is Al-Lou-Jan Tritomia Dunloggin (VG-87), a daughter of Creston Twenty Grand with 2, 3 and 4 year old records over 650 fat and 748 fat at 5 yrs. Her dam is TritomiaBurke Dunloggin (VG-87), a 100,000 lb. daughter of Dunloggin Dark Master with 2X records to 770 fat. The 3rd maternal dam is De Kol Tritomia Burke Ormsby (Tri), Mr. Mapp's "Ex-Gold Medal" brood cow with over 150,000 lifetime to date and still going strong. "Tri" is the dam of 3 "VG" daughters with 783f, 770f and 650f on 2X. She also 4 "VG" sons and many outstanding granddaughters and great - granddaughters. A full brother to this young bull was sold to the Oxford and District Cattle Breeding Association, Woodstock, Ont.

Mr. Nunes reports that he is managing a dairy for his mother on a 1200 acre ranch at Point Reyes Station and at the same time he is building up a purebred dairy of his own. The ranch borders the Pacific Ocean and that is where the prefix comes from. This year 270 cows on the ranch will average about 460 lbs. fat.

---

23 ILLINOIS HOLSTEINS EXPORTED

Twenty-three registered Holsteins from Illinois were included in a recent export shipment to Mrs. Adelfa Casellas de Ortiz of Mexico.

Fourteen registered Holsteins from Wisconsin and one from Missouri also figured in the transaction. All are slated for important roles in the further expansion and improvement of one of Mexico's best known herds.

M. B. Nichols of St. Charles sold seven animals in the transaction. Both the Mayfair Management Company of Chicago and Ralph E. Lake of Itasca sold three.

Other sellers were: W. Brown & Kinchen Brothers, Garden Prairie; E. Ogden Ketting, Libertyville; Dorothy M. Walters, Genoa; Harry A. Pieper, Freeport; Jerilynn J. Keller, Dundee; Clem T. Keller, Dundee; Society of the Divine Word, Techny; Grace Roney, Grayslake; William H. Williams & John H. Bingham, Huntley; D. V. Holmes & Son, Kankakee and Mrs. Lowell Breck, Rockford.

GREENWOOD SIR DELLA No. 1151349 SMP Sire

FIRST PRIZE SENIOR GET AT THE STRONG FREDERICK COUNTY FAIR — 1959

(l. to r.)
GLADEVALE SIR DELLA PEARL (not Classified)
Reserve Junior All-American, 1958. As a 2-year-old, Senior and grand Champion, Frederick County Fair, 1959.
Fresh as a 2-year-old and making her first record.
CLOVERTOP SIR DELLA NEVA (VG-85) BAA% 107.1
Second Prize Junior Yearling at the Maryland State Fair 1957.
First at Frederick County Fair, 1957.

HIR	2y8m	324d	2X	13,635 M	4.1%	558 F	
HIR	3y10m	96d	2X	5,170 M	4.3%	220 F	(Inc.)

CLOVERTOP SIR DELLA PEARL (GP-81) BAA% 102.0

DHIA	2y10m	310d	2X	12,480M	3.8%	473F	
DHIA	3y10m	129d	2X	6,260M	4.1%	258F	(Inc.)

CLOVERTOP SIR DELLA PANSY (VG-88) BAA% 108.3
(EXCELLENT in General Appearance and Rump)
As a Junior 2-yr-old, Second at Frederick County Fair, 1958.
Second, as a 3-yr-old, at Frederick County Fair, 1959.

HIR	2y6m	365d	2X	12,343M	4.4%	545F	
HIR	3y8m	150d	2X	8,070M	4.5%	363F	(Inc.)

GREENWOOD SIR DELLA Is The Bull Most Frequently Asked For By Our Membership.

pictured: A WINNING SIR DELLA GET

"Della" dtrs., altho still immature, are finishing records over 800-lbs. F. on 2X, one with over 900 F.

The cow on the left is owned by Sharon Stauffer, Walkersville, Md. and the other three by Russell Wachter, Keymar, Md.

MARYLAND - WEST VIRGINIA BULL STUD

College Park, Maryland — Phone Appleton 7-1414

- SERVING -

Maryland Artificial Breeding Cooperative, Inc. — **West Virginia Artificial Breeders Cooperative, Inc.**

A Reminder —

46th

Anniversary Sale

Watertown, Wisconsin

SALE STARTS 11:30 A. M.

THURSDAY, MARCH 31, 1960

At the Darcey sale pavilion 7m N. of Watertown on Hiway 26

65 HEAD Registered Holsteins Featuring —
The Excellent 786-lb. Cow TRITOMIA CANARY HENGERVELD

See her picture on page 49 of March 12 issue. **Consigned by Harvey Colrue, Jr., Ogdenhburg, Wis.**

A Sample of Some of the Other Choice Animals Selling —

For the complete information on the wonderful consignments selling see pages 44-49 of the March 12 issue.

HAYSSEN FOND CAVALIER, born 2-21-59, a son of Hayssen Fond Hope (91-EX) — by Fond Hope out of Athlone Admiral Grace (EX-92) — and out of the VG Elkhart Burke Canary with three recs. over 700 to 771 fat, all 2X. ALSO **ELKHART REFLECTION DONNA,** bred heifer out of the EX Elkhart Wis Prima Donna with 585f at 3y and EX-MS. Heifer due in July to Double Victory — **Lakeside.**

SWARTZ DEAN WALKER JANET, 2y 2X 14,774m 539f, a show cow selling with her springing dtr. **Alfred M. Paper, Stockton, Ia.**

WIS TERRIFIC, born 4-27-58, dtr. of Wis Dynamo from Wis Token (GP at 2y), a dtr. of Wisconsin Masterpiece. Third dam the 1015-lb. Wis Enchantress. Due early May to Wis Ideal (EX-GM). **Wisconsin State Reformatory, Green Bay, Wis.**

MAN-O-WAR B F ORMSBY BLOOM (VG), "EX-FU," 452 lbs. fat at 2y. Due before sale to Man-O-War B F Crescent Combine. ALSO a service age son of this bull from 659-lb. VG dam.—**Bristol Farms**

ROCK RIVER DAUNTLESS, born 7-2-59, a son of Rock River Count — by Budd Farm Master Duke out of Haven Hill Crescent Gewina Count (EX-95) — and out of Rock River Robelle (VG-86) with 760f 5y 320d Bred and born right to show. **Rock River Farms**

MAYERS MAJESTY DUKE FREDERICK, born 1-24-59, son of Mayers Majesty Duke (the $25,000 double grandson of Grand Majesty) from a three-time over 600-lb. 4.1% 2X dam — she a daughter of Grand Majesty that stood 8th at Waterloo and Chicago, 1957, in dry class of aged cows. ALSO **ROCK STAR GLENAFTON HILDA (VG)** with 552f at 4 yrs. Due Mar. 15 to Mayers Majesty Duke — **Mayer Farms.**

PABST OLIVER BONNY, 9-5-57, dtr. of Schutzholm Roamer Oliver (EX) out of 634-lb. 2-yr-old, next dam 837 lbs. fat. Due in July to Pabst Sensation. —**Pabst Farms.**

Francis Darcey & Sons, Sale Mgrs.

WATERTOWN — **WISCONSIN**

Consigned to the WOLVERINE CLASSIC — —

His Sire

ROSAFE SOVEREIGN SUPREME 249633 (EXCELLENT)
Honorable Mention All-Canadian Sr. Yearling Bull 1955
Reserve All-Canadian 2-Year-Old Bull 1956.
Sire of: 3 EX Sons, 5 All-Canadians and 1 Reserve

ROSAFE SOVEREIGN SUPREME (EX) is one of the most popular sons of A. B. C. REFLECTION SOVEREIGN (EXTRA-EXCELLENT) and from ROSAFE REFLECTION POLLY (EX) with 3 records over 600 of fat.

Grahaven Supreme Master

Born September 25, 1959

9 EXCELLENT 3 VERY GOOD

Animals Appear in His Pedigree

Every Dam is an Honor List Producer
His 7 Nearest Dams Ave. 23,211 4.18% 971
There are 4 World Records

His Dam:
GRAHAVEN REFLECTION MOLLY 1040083 (GP)

4 yr.	**364**	**2X**	**20,940**	**4.20**	**879**
4 yr.	305	2X	18,843	4.14	780
2 yr.	365	2X	16,586	4.52	749
3 yr.	305	2X	14,575	4.41	643

(Four Honor List Records)

Next Dam:
GRAHAVEN MILESTONE MONA (GP)
Star Brood Cow
$2600 (Top) All-Canadian Sale 1953
Two Records Over 1000 lbs. fat
5 Lactations 112,035 4.06 4544
3 WORLD RECORDS

Third Dam:
GRAHAVEN AJAX DAISY (VG)
$3000 (Top F) All-Canadian Sale 1952
3 yr. 359 2X 22,487 4.30 967

MAKE HIM YOUR HERD SIRE — April 11 at Williamston, Mich.

R. D. GRAHAM **Grahaven Farm** **ERIN, ONTARIO**

Bella Vista Farms

Breeders of Registered Holsteins since 1922

1959 DHIA AVERAGE:
102 COWS — 13928 M. 3.6% 503 F.

The only 100-cow herd in the state of Michigan to make a 500-lb. average. Every animal born and raised on the farm. Visitors always welcome.

1084 S. Huron St. — Ypsilanti, Michigan

FRED PALMA, Owner **JOHN A. CARRE, Mgr.**

Dun-Mar-Lea Farm Complete Dispersal

TUESDAY, APRIL 12-13 CAZENOVIA, N. Y.

LOCATION: Just off Route 20 on Nelson-Perryville Road, 4 miles east of Cazenovia, 7 miles west of Morrisville, N. Y.

HEALTH: T. B. and blood tested within 30 days of sale. Bang's vaccinated. Modified Certified Area. Eligible to go anywhere. Will be innoculated for shipping fever.

CATTLE Sell on the 12th – MACHINERY on the 13th – 11 a.m. Both Days

90 Head Registered Holsteins

50 MILKING AGE ● 14 BRED HEIFERS ● 13 OPEN HEIFERS

13 HEIFER CALVES

19 Fresh Feb. and Mar. — 7 Due in April — 15 Due Sept. and Oct.

These Two Great Cows Selling With Most of Herd Their Descendants — Many Carrying a Cross to Both Cows

Sells with 4 daughters, 15 Granddaughters and 30 Great-granddaughters

DUN-MAR-LEA SOVEREIGN ROSE 3395529 (GP)

4y	365d	2X	21,403	4.3%	929	HT
2y6m	363d	2X	18,435	4.1%	762	AR

(New York State Champion)

A daughter of Montvic Rag Apple Sovereign. Due in October to Gray View Skyliner.

A maternal sister to Rose, by her son, Major, sells due sale time to Montvic Dunloggin!

Daughters of This Son Selling —
DUN-MAR-LEA SOVEREIGN MAJOR 1149700 (13)
Daughters of These Grandsons Sell —
DUN-MAR-SOVEREIGN TRIUMPH (20)
DUN-MAR-LEA SOVEREIGN MIKE (7)
(Sixteen bred to him.)
(A son of Weejoe Dunloggin of Dun-Mar-Lea.)

Sells with 2 daughters, 26 Granddaughters and 5 Great-Granddaughters

WEEJOE DUNLOGGIN OF DUN-MAR-LEA (GP)

5-4	365d	2X	20,021	4.5%	918	HT
3-11	365d	2X	18,793	4.0%	768	AR

(Former New York State Champion.)

A dtr. of Dunloggin Melcross. Due in August to Curtiss Candy Pontiac Curtiss.

Daughters of These Sons Selling —
DUN-MAR-LEA MONTVIC DUNLOGGIN (19)
(Three head bred to him.)
(By Glennafton Rag Apple Hercules.)
DUN-MAR-LEA SOVEREIGN MIKE (7)
(Sixteen head bred to him.)
(By Rose's son, Major.)
Daughters of This Grandson Sell —
DUN-MAR-LEA DUNLOGGIN ROYAL (5)
(By Dun-Mar-Lea Montvic Dunloggin.)

OTHER SIRES REPRESENTED WITH DAUGHTERS SELLING — Riverflat Blanche Prince (3) . . . Curtiss Candy Dandy George . . . Mallary Farm Triumph . . . Dunloggin Melcross. . . Montvic Rag Apple Sovereign . . . Curtiss Candy Invincible . . . Skokie Supreme Duke . . . Skokie Noel (son)

Six head bred to Gray View Skyliner! Two bred to Lyon Brook Wallie Queen! One each bred to Skokie Noel, Curtiss Candy Pontiac Curtiss, Curtiss Candy Invincible and Hickory Creek Aristocrat.

THIS MODERN FARM EQUIPMENT SELLS ON THE 13TH! Farmall Super M, wide front end, tractor . . . International 300 Utility wide front end fast-hitch traction control tractor . . . Int. C. Farmall tractor . . . three-bottom 16" Oliver trailer plow . . three-bottom 14" McCormick fast-hitch plow . . . Int. Weed Hog . . . McCormick 25V Universal 7 tractor mower. . . field chopper—both heads . . . 1 McCormick side-delivery rake . . . Brady Hay Maker (new) . . . McCormick 45 baler . . . 26 ft. Smoker elevator . . . 2 Int. rubber-tired wagons . . . 2 ensilage boxes for wagons . . . one two-wheel trailer . . . Allis-Chalmer blower with 60 ft. pipe . . . Cobey Manure spreader . . . set of tractor cultivators (for "C" tractor) . . . McCormick corn planter . . . G. E. four-can cooler . . . five Magnetic DeLaval milking machines. . . new 5-unit magnetic pump and motor . . . pails, strainers, etc . . . snow blade to fit any tractor . . . chicken brooder stoves, feeders and fountains . . . Babcock milk tester . . . Renown combination coal and gas stove with hot water front.

CATALOGS . . . SALE IN TENT . . . Lunch Available

Financial arrangements through E. J. Keane, Merchants National Bank, Syracuse, N. Y.

L. P. DUNAWAY
Owner
R. D. 3, CAZENOVIA, N. Y.

R. AUSTIN BACKUS, INC.
Sales Managers & Auctioneers

Mexico, N. Y.
Ph. WO-37231

Sheffield Farms

Owners: Malcolm Condensing Co., St. George, Ontario

Due to change in Company policy and the resignation of the farm manager,

Announce Their Complete Dispersal

Fully Accredited
Calfhood Vaccinated

90 HEAD

Federally Listed
(Bangs Certified)

Including 2 Sons (1 "EX") And 25 Daughters of Rosafe Sovereign Supreme (EX)

10 Excellent 13 Very Good 13 Good Plus

16 Females Out Of Excellent Dams

PREMIER EXHIBITOR ROYAL WINTER FAIR & CHICAGO INTERNATIONAL 1958
RUNNER-UP PREMIER BREEDER, CHICAGO AND ROYAL

Sale The Morning After The National Sale
WEDNESDAY — MAY 25th at 11:00 A. M.
At Hays Sales Arena — Oakville, Ontario

HERD CLASSIFICATION AVERAGE 35 FEMALES - 85.4% - 19 Mature Females - 87.5%
Herd Production Average - 1958-59 15,731 Milk 610 Fat, 3.89% (BCA 128% M 135% F)
23 records have been reported since with an average of:
15,936 Milk 643 Fat 4.0% (BCA 138% M 146% F)

Watch the following issues for complete details on this important Dispersal.

LONELM RAG APPLE MARJORY (EX)

THIS EXCELLENT WORLD RECORD SISTER OF THE 1959 ALL-AMERICAN AND RESERVE ALL-AMERICAN AGED COWS SELLS WITH 2 SONS AND 1 DAUGHTER.

Lonelm Rag Apple Marjory (Excellent)
All-Canadian 3 year old in 1956.
1st. Royal and Hon-Mention All-Canadian 1958

4y	305d	2X	23640 Milk	974 Fat	4.12%
4y	365d	2X	25034 Milk	1042 Fat	4.16%

Fresh since December with a bull calf by CARNATION ROYAL MASTER, she has out in her first 80 days 7035 lbs. milk 4.47% and still milking up to 102 lbs. a day, as a 6 year old.

Marjory's son, SHEFFIELD SUPREME MAX (Excellent) sells with first crop of calves.

John H. Malcolm, Pres. **Orton Eby, Farm Mgr.**

Sale Under Management of

HAYS FARMS LIMITED

Box 490 - Oakville, Ontario, Canada
Phone: Victor 5-5711

The *National* SALE

Canada's Oldest Auction
1919 — 1960

TUESDAY, MAY 24, 1960 At 12:00 Noon Sharp

The Day Before The Sheffield Dispersal

HAYS SALES ARENA — Oakville, at Trafalgar (No. 5 Highway) Ontario, Canada

70 Head of Foundation Animals

Accredited - Certified - Calfhood Vaccinated - Negative
Ready For Shipment To Any Part Of The World

Her Sire

ROSAFE SIGNET (Excellent)
All-Can. Aged Bull, 1958 & 1959. Sire of 1st Jr. Get, Chicago, 1959

"Leading The Parade, The Sale Sensation Of The Decade"

"Truly the Greatest Female to leave Glenafton"

GLENAFTON SYMBOL L PATSY — **Born Sept. 29, 1957**

Bred Oct. 21, 1959 to Rosafe Centurion (EX). Her 7 nearest dams average 22,985 M 4.27% and 981 F. Her 2 maternal sisters: GLENAFTON BONHEUR P PIETJE (EX) with 5y 302d 2X 15,911 M 4.54% and 723 F and 19,278 M and 918 F in 1st 297 days at 6 yrs. on 3X; and GLENAFTON NETTIE PATSY PIETJE (VG) with 3y 365d 3X 26,538 M 3.48% 923 F.

Her "EX" 3 Star Dam

GLENAFTON LAUREL PATSY PIETJE
"EX" 3 Star Brood Cow
Res. All-Can. 2-Year-Old Heifer, 1946
H M All-Can. 4-year-old, 1948
Marksman's first Gold Ribbon daughter with a 10 lactation total of 206,307 M 4.16% and 8,565 F. She has records to 935 F and has made her biggest milk record (23,693 M) at 15 years of age. She is the 3rd generation of Excellent females in a direct line and the dam of an "EX" daughter with over 918 fat. She has 4 daughters from 723 to 1034 F.

Her "EX" 4 Star Mat. Gr'dam

MONTVIC PATSY PIETJE
"EX" 3 Star Brood Cow. 2nd gen. of "EX" Females in Direct line.

10y	365d	3X	24,860	3.92	976
12y	365d	3X	23,223	4.10	951

Over 153,000 and 6170 F in 7 lactations. Dam of 4 dtrs. from 754 to 959 F. 3 dtrs. over 100,000, one "EX" Res. All-Canadian. 2 "VG" sons—$9100, $7500, & $4200 sons. 2 proven sons.

Her "EX" 3 Star Mat. Grt.-Gr'dam

MONTVIC HIEMKE R A PATSY
"EX" 3 Star Brood Cow
1st member of a 4 generation of "EX" females in direct line.
4y 365d 3X 24,466 4.74% 1163 F
All-Canadian 4-Year-Old
5 lact. 102,990 M 4.32% 4445 F
5 dtrs. 467 to 1021 lbs. fat
1 "EX" and 4 "VG" progeny
$20,000 and $15,200 sons.

Send for catalog now. Watch next WORLDS for further details.

HAYS FARMS LIMITED — Box 490, — Oakville, Ontario, Canada

The Canadian National Sale

Tuesday, May 24, 1960 At 12:00 Noon Sharp

The Day Before The Sheffield Dispersal

— Son Selling —

HAWTHORNE HOME BELL REFLECTION
(Excellent)
7y 365d 2X 22,630 4.21 952
6 lact. 101,543 M 4,123 F 4.06%
1st 4-year-old, dry, London. 1955.
Honor List record, 1958

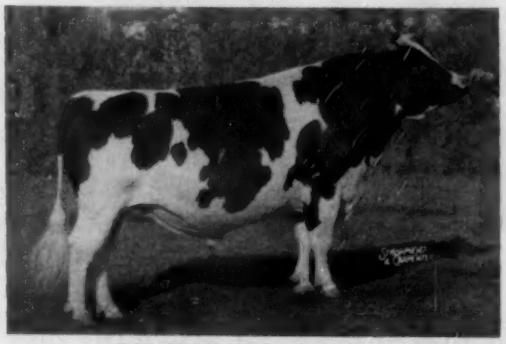
Her Son By Carnation Royal Master

He is **ROWSDALE REFLECTION ROYAL,** born Aug. 24, 1959 and his seven nearest dams average: 23,095 M. 4.11% and 955 Fat. His dam, pictured, is the highest record "EX" daughter of A B C Reflection Sovereign (EX), considered by many the greatest sire of the breed. ROYAL'S pedigree includes five dams with records from 952 to 1218 fat, all Excellent with great lifetime records. It is a careful blend of the best bloodlines appreciated world wide.

ROSAFE SOVEREIGN SUPREME (EX)
Res. All-Can. 2-Year-Old Bull, 1956 Sire of 3 All-Canadians, 1959. First 5 dtrs. ave. 524 F, 4.02%

A Son of Rosafe Sovereign Supreme (EX)

He is **BROWNDALE MONOGRAM SUPREME,** born Jan. 7, 1960 and his 7 nearest dams average 21,617 Milk, 4.28% and 926 Fat. His 14 nearest tested dams (6 "EX", 6 "VG" and 2 "GP" average 19,629 Milk 4.20% 824 Fat. A truly outstanding Rag Apple pedigree of proven transmitting power of desired type and production.



ROSAFE SIGNET (Excellent)
$20,100 to top Sale of Stars, 1954. All-Can. Aged Bull, 1958 & 59. Sire of 1st Jr. Get Chicago, 1959. First 11 dtrs. 9 "GP" or better.

A Son of Rosafe Signet (EX)

He is **GLENAFTON RAG APPLE REMARK,** born Nov. 6, 1959 and his 7 nearest dams average 20,537 Milk 4.19% and 862 Fat. His maternal granddam is the fourth generation of Excellent dams in direct female line and average to date: 22,755 Milk 4.4% and 1004 Fat. The 3 later are the first 3 dams of Glenafton Symbol L Patsy, the Glenafton female entry in this sale. See previous page.

An Invitation

We would like to take this opportunity to invite all United States Convention Visitors and Delegates from the far and middle west to visit Canada during the week of May 23rd. You will be able to attend the Canadian National on the 24th and the Sheffield Dispersal on May 25th. Niagara Falls is just 40 miles from Oakville, and Syracuse, N. Y. a few more hours drive from this scenic wonderland.

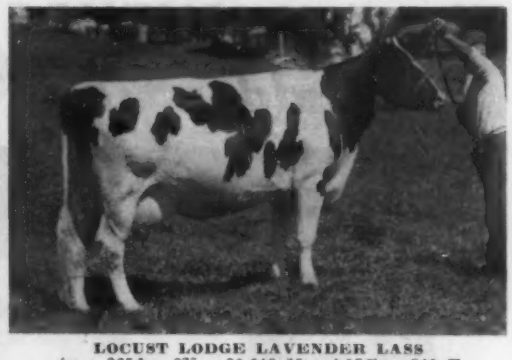
Send for catalog now. Watch next WORLD for further details

HAYS FARMS LIMITED — Box 490, — Oakville, Ontario, Canada

— Daughter Selling —

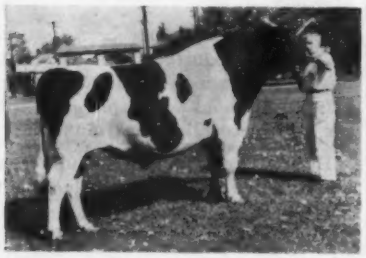
A B C SHAMROCK MILDRED (EX)
All-Canadian, 1955 All-American 1954. Sold for $5,000 Rosafe Dispersal, 1958. 9y 365d 23,022 M 3.55% 817 F 7 Lact. 124,456 M 3.44% 4,277 F

— Daughter Selling —



LOCUST LODGE LAVENDER LASS
4y 365d 2X 20,648 M 4.07% 840 F
2 Honor List Records. 4 Lacts. 68,513 M 3.81% 2,610 F
One daughter sold in Sale of Stars for $1250.

Daughter Selling



ROELAND REFLECTION SOVEREIGN (EX)
Hon. Ment. All-Can. 3-Yr.-Old Bull, 1954. His "VG" daughter with 656 F. at 4 yrs. sells. She has over 20,484 in 1st 305 days this year.

ELMCROFT SITA DEWDROP JANE (EX)
2nd Aged Cow in Milk, Peterboro, 1959
1st 4-Yr in Milk, Peterboro, 1955
3y 365d 2X 13,338 3.75% 500
She and "EX" sister 4th Produce at Royal twice.

Daughter Selling

More Sale Tops

ROSAFE REFLECTION TOP NOTCH
A really choice junior yearling daughter of A B C Reflection Sovereign (EX) from a daughter of Inka Supreme Reflection (EX) who is just finishing with over 17,000 lbs. milk.

LODESTAR OLLIE DEWDROP
A heifer by Pabst Walker Ollie (VG) from Glenafton Laurel Dewdrop A with top records of 8y 365d 2X 19,992 M 4.25% 850 F. and well over 100,000 in six lactations. She is a full sister to the dam of the 1959 All-Canadian 4-yr-old. Heifer is due in Sept. to Rosafe Centurion (EX).

LEE-MIL EXPECTATION BURKE
A top 4-year-old with a 3y 350d 2X 11,946 M 4.22% 516 F and averaging over 60 lbs. a day at the present time. Her dam is "VG". She is bred to Signet (EX).

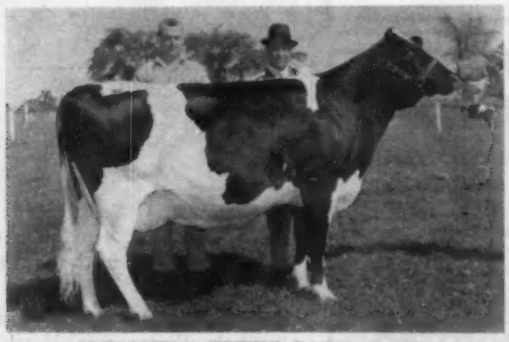
MARLDALE CHEVRON LEXIE
Third junior yearling at London in 1959 and member of second junior get. Her dam by Enchanter (EX) has 5y 365d 2X 19,973 M 4.22% 842 F. She is bred to Marldale Leader, a son of Centurion (EX) from the great cow Princess Leader Posch (EX). Also a "VG" 4-year-old due in June to Centurion (EX).

ELMCROFT INKA JEAN LASSIE
A daughter of Rosafe Preceptor (EX) from a 17,225 milk 715 fat (not reported) daughter of Elmcroft Scepter (EX). Second dam "VG" with 715 F. Bred to Elmcroft Rag Apple Jasper (VG).

WESTMONT FRANCY MODEL
A daughter of Franlo Gen Treasure Model (EX) from a dam with a 7 lactation total of 100,992 Milk and 3,468 Fat. Due in Aug. to Woodbourne Inka Supreme. Also a top young VG daughter of Elmcroft Tradition from a "VG" dam and due at sale time.

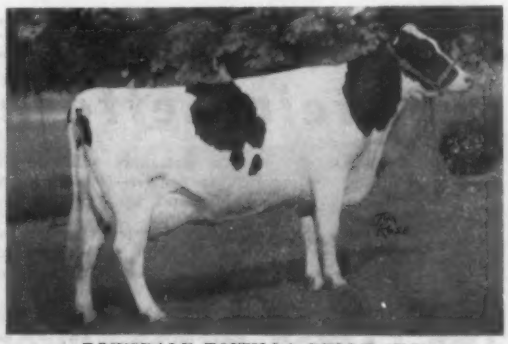
OURVILLA DENFIELD MILDRED
A daughter of Denfield R A Paul from top of Ourvilla Dispersal with 2y 365d 2X 648 F., next dam "VG" with 799 F. Due in Sept. to Pabst Raven Finell (VG).

— Daughter Selling —



GLENAFTON NETTIE PATSY B (VG)
Sold for $2600 in National Sale, 1956.
3y 334d 3X 18,310 3.68 674
Has a "VG" daughter. Her Signet daughter consigned by R. R. Dennis.

— Daughter Selling —



ROWSDALE TOITILLA BELLE (VG)
6y 331d 2X 15,589 4.0 623
5y 365d 2X 15,085 3.9 588
Her dam "EX" with 4y 365d 2X 18,431 4.24 782.

There's a FUTURE for udders like THIS!

UDDER OF FERNHAME BURKE REGAL IRMA

Her Records:

2-3	2X	318d	11912	4.2%	496	
3-3	2X	302d	13684	4.2%	579	
4-3	2X	348d	17555	4.3%	761	
5-6	2X	339d	14507	4.2%	608	(inc.)

Due again at 6-6

She is one of our many fine daughters of our VG-Gold Medal former herd sire, Wimarjo Pabst Regal Lucifer, and a member of a great cow family. She is the dam of one of our main herd sires, **FERNHAME BURKE LAD BARON,** just coming 3 years of age, sired by our former Excellent - Gold Medal herd sire, Langdonhurst Ormsby Burke Lad. We fully expect him to become one of the great bulls of the breed — his first beautiful calves confirm it.

Write today for details on BARON sons now for sale.

GREAT BROOK FARMS

Home of FERNHAME *Holsteins*

CARLISLE, MASSACHUSETTS

AR and HIR - TB and Bang's Acc. - Vaccinated - Analyzed

Mr. and Mrs. Farnham W. Smith, Owners **Stanley D. Wright, Mgr.**

Holstein Letterheads

Modern individual business stationery will add distinction to your Holstein enterprise. Inexpensive—500 sheets and envelopes (Hammermill Bond) $17.50 and up.

Send for New portfolio of sample letterheads now in use by leading breeders from coast to coast, suggesting many different designs, color combinations, type faces, cuts, decorations, etc. Price list included.

THE CORSE PRESS, Incorporated

SANDY CREEK, Box A, New York

"Holstein Printers Since 1885"

COBA Annual Meeting —

Those attending the Central Ohio Breeding Association Annual Meeting in Columbus on February 27 were told COBA had enjoyed its best year in history during 1959. Total income was over one and one-third million dollars with the association showing a net income of $37,945.99.

First services in Ohio were at an all-time high. Manager Dick Kellogg said these totaled 190,200. Outside the state services amounted to 61,513.

Kellogg announced new changes in management. Cliff Wilson will be Assistant to the Manager in Charge of Public Relations. Robert McCormick has been placed in charge of Finance and Don McKean is the new Office Manager.

Charles Baldwin has been put in charge of Production and Jim Mellinger will head up Sales and Service. Harold Birkhold will replace Mellinger as Eastern Ohio Field Supervisor.

During 1959 a total of 17 bulls were purchased or leased, and 16 bulls left the stud.

Principal speaker at the meeting was Dr. Roy W. Kottman, newly appointed dean of the College of Agriculture & Home Economics at Ohio State University.

COBA EXECUTIVE COMMITTEE

1960 Executive Committee for COBA includes, from left (seated) John Davis, treas.; Jasper Johnson, president; Duane Butler, vice-pres.; Clair E. Jones, secy. Standing are Manager Richard Kellogg; Lester Mitchell, asst. secy.; and Ray Heaberlin, asst. treas.

People — —

Scott Meyer, Hannibal, Mo., immediate past-president of The Holstein-Friesian Association of America, has left for Italy on a mission sponsored jointly by the National Holstein Association and the Foreign Agricultural Service, USDA.

During his six-week stay he will attend the Verona Fair, March 13-21, as a representative of the Holstein industry and will visit leading herds as a technical consultant to Holstein breeders.

MODERN SUCCESS STORIES

From Holstein Breeders Everywhere

From Auburn, Maine

Breeder of The Two Top Selling Animals In The 1959 Dauntless-Dunloggin Sale

Home Of The 1959 Reserve All-American Senior Heifer Calf

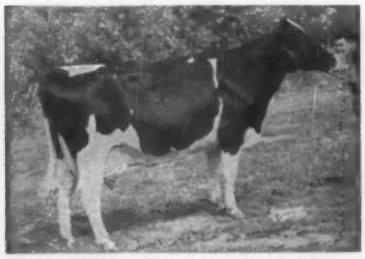
Raymond and Maurice Keene, the "Raymau" of Raymau Farm

RAYMAU FARM is typical of the many successful father and son combinations that are breeding purebred Holsteins in the United States today.

RAYMAU FARM has a successful breeding, feeding, testing, showing and advertising program. Here is what Maurice Keene has to say about advertising in the WORLD:

"Telling the simple story of our success with Dauntless-Dunloggins through regular WORLD advertising has brought us greater and more spectacular results than we had ever dared hope for." —MAURICE KEENE

DAM OF "REWARD" + "ROBERTA"

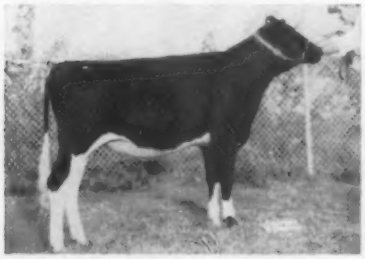


RAYMAU AIM DAUNTLESS ROWENA (EX-92)
4-0 2X 362 19278 4.5 862
She is the dam of Raymau Golden Reward and Raymau Schoolmaster Roberta, tops of the 1959 Dauntless-Dunloggin Sale at $5600 and $2250.

DAUNTLESS • DUNLOGGINS

Turn Pages For More Modern Success Stories

RES. ALL-AMERICAN HEIFER CALF



RAYMAU SCHOOLMASTER JANICE
1st Sr. Calf & Jr. Champ. Eastern States Exposition, 1959.
1st Sr. Calf, International Dairy Show, 1959.

WINTERTHUR BLOODLINE

MODERN SU

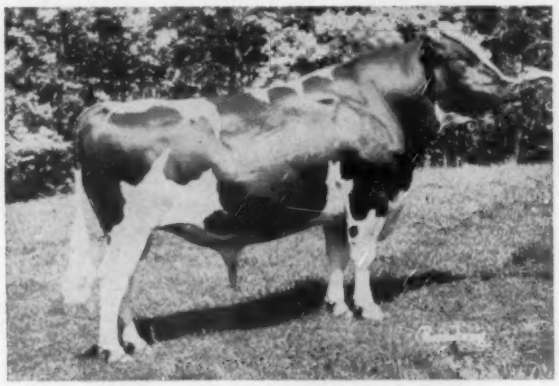
From Maryland

Sold A Home-bred Bull For $20,000

KINGSTEAD FARMS
LESLIE C. KING & SONS — CLARKSBURG, MARYLAND

Bred High H. M. All-American 4-Yr-Old In 1958.

Both Sired By WINTERTHUR ZEUS BURKE CHAMPION (VG-GM)



KINGSTEAD WINTERTHUR PABST (VG-88)
Recently sold to the Michigan ABC for $20,000.

KINGSTEAD MISTRESS BESS (VG-88)
Top HM All-Amer. 4-Yr.-Old, 1958

1959 HIR Lactation Ave. 91L. 17,546M. 3.6% 630F.

High in Nation for Milk (All Time) for 50 head or more

LESLIE C. KING
Clarksburg, Md.

KINGSTEAD FARMS, owned by Leslie King and Sons, Clarksburg, Maryland, is another example of a successful family farming operation with a top herd of purebred Holsteins. The results of their well rounded program which includes an advertising program in the WORLD are shown on this page. Here is what Mr. King has to say about WORLD advertising:

"The Holstein-Friesian WORLD is the best medium for letting your neighbors know what you are doing. My sale of breeding stock has increased every year since I have been advertising in the WORLD."

—Leslie C. King

Every Day Your Neighbors Who Advertise In The WORLD Are Proving That "It Pays To Promote"

CESS STORIES

From Pennsylvania

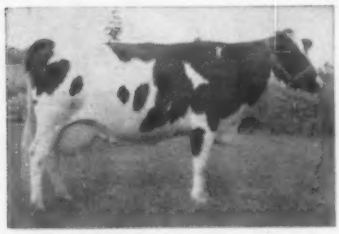
"JOE" ZIMMERMAN
Lehighton, Pa.

ZIMMERMAN DAIRY FARM - Lehighton, Pa.
Six HIR Herd Averages Over 697 Lbs. Fat

ZIMMERMAN DAIRY FARM, Lehighton, Pa., owned by L. A. and J. A. (Joe) Zimmerman, is another successful father and son combination. The monthly Zimmerman page ads are familiar to all WORLD readers. Here is what Joe Zimmerman has to say about the benefits of WORLD advertising:

"Convincing proof that our breeding program is paying off is the fact that a large percentage of our sales today are to repeat customers. But WORLD advertising is very necessary to attract the new customers who later become repeat buyers. Our breeding and advertising programs are paying off for both the new and the old customers."
JOE ZIMMERMAN

Dam - 1197 Fat



ZIMMERMAN PIEBE STAR
926 F 4.1% Natl. record Sr. 2y AR 1197 F 4% State record AR HIR
She is the dam of the two cows pictured to the right.

Daughter - 1248 Fat

ZIMMERMAN BELSTAR ROYAL SEELY
Sr. 4 365d 3X 29,980M 1248 F
This should be her third National Record.

Daughter - 1137 Fat

ZIMMERMAN BESTAR ROYAL SHEILA
4-8 26,905M 4.2% 1137F
She has broken four National Records.

Fill Out This Coupon

And Mail It

Today

If you would like to have complete information on WORLD advertising sent to you, just fill out the coupon and mail it today. There will be no obligation on your part. See back of coupon for special money saving offer.

Holstein-Friesian World
Lacona, N. Y.

I would like to have you send me a WORLD rate card plus other information concerning a planned advertising program in the Holstein-Friesian WORLD.

☐ Yes please send me a copy of SELLING PUREBREDS FOR PROFIT at the money saving price of $4.00. My check for $4.00 is enclosed. I understand that there is no obligation on my part for taking advantage of this special offer.

Name .....

Address .....

MODERN SUCCESS STORIES (Continued)

From Milan, Pennsylvania

MAPOVAL FARMS, Inc., Milan, Pa., is another successful Holstein operation owned by Irvin M. Macafee and his sons, Ted, Johnny and Bob. In recent years Mapoval has been the Premier Breeder and Exhibitor at the Pennsylvania State Black and White Show and a recent herd sire, Marshline Pabst Dean Walker (VG-89-GM), was developed to a Gold Medal Sire and sold to American Breeders Service.

MAPOVAL FARMS, INC. — Milan, Pennsylvania

IRVIN M. MACAFEE
Milan, Pa.

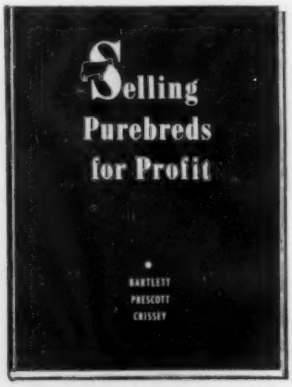
MAPOVAL is another farm with a well rounded program of breeding, feeding, testing, showing and advertising. Here is what Irvin Macafee has to say about their advertising program in the WORLD:

"We look at advertising as part of our investment in Registered Holsteins. Honesty, sincerity and integrity have strengthened that investment so that we are clipping regular dividends, not only in cash sales, but in service to fellow breeders. That makes us feel good."

—IRVIN M. MACAFEE

Start Your Contract In The WORLD Today

Send Coupon For Complete Information



SELLING PUREBREDS FOR PROFIT
By Bartlett, Prescott and Crissey. The only book ever published on this subject expressly for the purebred breeder. Its single purpose is to show you how to make more money from your herd through better sales of breeding stock. It has a high practical value for every progressive purebred breeder who has, or expects to have surplus animals for sale. **$6.00**

As a special bonus to breeders who fill out and mail the coupon asking for more information about WORLD advertising, we will reduce the price on this outstanding book to $4.00. You can save $2.00 by just filling out the coupon on the previous page and sending it to the Holstein-Friesian WORLD today. There will be no obligation on your part.

HOLSTEIN-FRIESIAN WORLD
Lacona, N. Y.

An Important Money Saving Offer

Letters - -

AVERAGE DAILY PRODUCTION COMMENTS

Editor,

The publication of comments in the **World** concerning the average daily milk production per cow have been interesting to me. As you may know, when I was at Canton Ag. and Tech. Institute we analyzed all our cows families, and sires according to the average production per day since first freshening.

In reading the various letters which you have published, I see there is the usual confusion as to whether one is talking of average production for every day since the cow first freshened or discussing the average per day in milk. In fact, there is still a third method of analysis and that is the average production per day since date of birth. I am intrigued with such analysis although it may not have much genetic importance according to the research that has been done to date. I do feel that if such letters and information are to be encouraged it would be important to standardize and emphasize the basis for comparison. I believe your original thinking and most common procedure is to take the average production per day since date of first freshening. This would include the dry periods as well as days in milk production.

Where we are selecting sons from among the most outstanding cows in the NYABC area and, in fact, the country as a whole, we would have information on many cows that would compare very favorably on such an evaluation.

Since this could be an interesting and worthy comparison, I thought I'd pass along my opinion concerning standardization of any information published.

ELMER E. CLAPP, JR.
Sire Analyst, NYABC
Ithaca, N. Y.

THE NELL FAMILY

Editor,

I was interested in the discussion in two of the recent issues of the **World** in regard to average production per day of life from the time of first calving. Taking nothing away from the others . . . both of which are great cows, I would like to call attention to a cow family which I think has been outstanding in this respect. I refer to Nell Pansy Burton DeKol (VG-GM) and her two daughters, Gray View Burke Nellet (VG-GM) and Gray View B D Nicolette (VG), all owned by Harvey A. Nelson & Sons, Union Grove, Wis.

Lifetime information on these three cows, including dry periods, is as follows—all 2X milking:

Nell: 10 lactations total 202,107 lbs. milk, 4.0%, 8100 fat in 4671 days from first calving to disposal averaged 43.3 lbs. of 4% milk per day;

Nellet: 7 lactations or 3120 days from first calving through last available lifetime figures (Green Book, Vol. 15) total 119,852 lbs. milk, 4.0%, 4824 lbs. fat for an average of 38.4 lbs. of 4% milk per day.

Nicolette: 6 lactations or 2654 days in herd from first calving through March, 1959, when she had 104,303 lbs. milk, 3.96%, 4130 lbs. fat for an average of 39.3 lbs. of 3.96% milk per day.

We are particularly interested in this cow family because we are using a son of Nell and full brother to Nicolette, Gray View Burke Narrator (VG-SMP) in our stud; and we have purchased a son of Nicolette for use in your Young Sire Program. Fred Nutter should also be interested since his former herd sire, Gray View Pansy Pilot (VG-GM), is a 100% brother to Nellet. . .

I feel these cows illustrate the things we are trying to breed for in the Holstein breed—longevity, desirable type, and year after year producing ability under conditions of feeding and management that can be duplicated by any real good breeder.

Needless to say, I expect there are many cows that might equal or surpass these records. I hope you will hear from other breeders.

MARLOWE E. NELSON,
Sire Analyst, Tri-State (Southern) Breeders Co-op., Madison, Wisconsin

---

SPACE FLIGHTS

One of the metabolic problems is "to find the minimum food to yield the maximum of energy for the planned state of physical activity. . . A uniform food of such kind, still in use and satisfying all metabolic requirements has been developed by nature 40 million years before space flight — milk." — Dr. Hans G. Clamann, Brooks Air Force Base, Texas (Federation Proceedings, Vol. 18, pages 1249-1255, December 1959).

Dr. Stefan Ansbacher
Jocinah Farms
Marion, Indiana

PROTECT BULK TANKS

The Ideal Sanitizer

No Film
No Deposits

KLENZADE

NEW TYPE ORGANIC CHLORINE

Tri-Chloro-Cide

NON-CORROSIVE SANITIZER

Sparkles Even in Hardest Water

Klenzade greatly reduces the corrosion problem with Tri-Chloro-Cide — a high-powered stable chlorine powder that won't pit or corrode stainless steel. Tri-Chloro-Cide is a completely new type organic chlorine that produces a clear, sparkling solution of exceptional germicidal strength . . . even in hardest water! The perfect product for fogging or rinsing. Leaves no film or sediment. Remarkably stable, quickly soluble, excellent shelf life. For low counts and equipment protection, begin using Tri-Chloro-Cide now.

If You Have a Hard Water Problem, Here's Your Answer

ORDER FROM YOUR DEALER
OR WRITE FOR INFORMATION

KLENZADE PRODUCTS, INC.
Systematized Sanitation
BELOIT, WISCONSIN

The Elkhorn Classic

The 1960 ELKHORN

FAIRGROUNDS ROUND BARN **ELKHORN, WISCONSIN** SALE STARTS 11 A.M.

30 YOUNG COWS
5 FEATURE HEIFERS

RECORDS TO OVER 20,000 M. AND 800 F.

AND 4-H CALVES

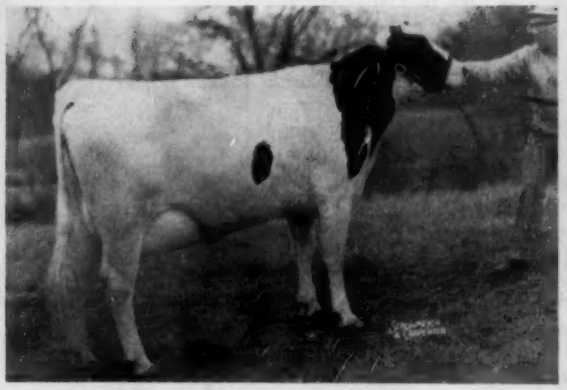
Some Early Consignments

3 "BUTTER BOYS" Selling

One from Carnation is from Carnation Skylark Spofford with 814 F. 4.4% 18,443 M. next dam is the 1067 lb. Carn. Hello Spofford. This heifer is due June 21 to Carnation Royal Master Hon. Ment. A.A. 2-year-old bull.

One from Eldon Gremelsbach, Lewiston, Minn. is from a VG dam. ALSO FROM CARNATION; — a beautiful heifer sired by Carnation Royal Lancer (Res. A. A. Aged bull — 1959.)

Her 7/8 Sister Sells



PABST TULANE REMODEL (VG)

365d 2y 3X 20,636 3.6% 815 F

Her 7/8 sister selling her name is **Pabst Leader Regal Model** a show heifer due in June to "Oliver." Her sire, Wis Leader, EX-GM; her dam Pabst Remont Model (VG).

365d 2y 3X 18,783 3.7% 689

making 900-lbs. F. on present record; next dam VG with 775 F. Consigned by Pabst Farms, Inc.

— HER "COUNT" SON SELLS

ROCK RIVER SANDRA (VG)

6y 365d 3X 23465 M 3.8% 889 F

Her son, **Rock River Marauder** sells — born July 5, 1950. His sire, Rock River Count (EX) son of H. H. Crescent Gewina Count, 365d 3X 38,878 M 3.9% 1523 F., former world's record cow with life of over 190,000 M.

Consigned by Rock River Farms, Byron, Ill.

Bristol Farms, Bristol, Wis. are sending a VG dtr. of King Bessie B F Return with 527 F. at 2 yrs.

RAMACO BESS CARNATION PRIDE (VG)

365d 5y 2X 20,625 3.7% 773 F.

Her dam, Orms. Bess Segis Pride, EX with 754 F. and life, 101,493 M.

HER SON SELLS BY WIS DOUBLE VICTORY

Her son selling is

HAYSSEN D. V. IMPERIAL

Born Sept. 20, 1959.

Wis Double Victory is Lakeside's son of Wis Symbol (VG-GM) from Wis Prima Donna (EX-GM) with 21,190 M 4.1% 877 F.

FOR CATALOG AND

PIPER BROS.

CLASSIC MONDAY MAY 2

The Elkhorn Classic

= 75 REGISTERED HOLSTEINS =

35 BRED HEIFERS

FROM DAMS TO OVER 20,000 LBS. M.

5 FOUNDATION PEDIGREE HERD SIRES

ONE OF THE STARS SELLING RES. ALL-AM. 3-YR.-OLD

ARWYN COMET ECHO (EX.) RES. A.-A. 3-YR.-OLD 1957

365d	5y	2X	20,719 M	3.9%	806
314d	3y	2X	16,285 M	4 %	656

She has a ¾ sister with 1076 F. Her sire, Arwyn Pabst Comet Prince (son of Pabst Comet — VG-GM) and her dam D. K. Belmont Dandy with 651 F. and life record of 135,390 M. 5,308 F. Consigned by Morris Bros., Oconomowoc, Wis.

HER SON BY MOOSEHEART → PIONEER SELLS

"Pioneer" was All-American 2-year-old last year and All-American sr. Yearling bull last year. He is full brother to the EX. All-Am. "Lucinda" with 793 F.

Wis Gleam is a dtr. of Wisconsin Masterpiece, EX-GM-All-Am. and her dam is an 837-lb. dtr. of Weber Burke Cyclone. Wis. State Reformatory, Green Bay.

WIS GLEAM "EX"

365d	5y	3X	19547	3.8%	752
365d	2y	3X	17268	3.6%	626

MORE INFORMATION WRITE SALE MGRS.

WATERTOWN, WIS.

OUR 5 STAR FOUNDATION AT SUNNY VALE FARMS.

Four Daughters and A Granddaughter of Montvic Lochinvar 3rd.

★

CREATOR RAG APPLE LOCHINVAR (VG)
HIR & ROP. Now over 200,000 lbs. milk on 2X. Five records over 700 lbs. of fat. Eight over 600 lbs. She has two sons in service and two daughters in production. Through her son she has 9 granddaughters and a son in our herd. Creator will be 16 years old in May 1960 and she is milking 90 lbs. a day right now. Her daughters and granddaughters are real producers with plenty of type.

★

HIGH POINT MARIE LOCHINVAR (EX)
A Gold Medal Dam and a great Brood cow with five daughters and two proven sons in service. One of her daughters in Canada has a record of 900 fat 2X at six years. All her progeny have classified Good Plus or better. Se has transmitted type and production. The daughters of her son, SBF Mario Var Dutchland are outstanding in our herd. Her lifetime record was 154,568 of milk.

★

MAPLE LEA LOCHINVAR QUEEN (VG)
A daughter of Keendale Lochinvar VG son Lochinvar 3rd and from a Res. All-Canadian 3-yr. heifer with a lifetime milk record of 141,538 on 2X. Queen has a 4 yr. old record of 16,417m 597f on 2X. Her lifetime was 103,636 milk. She is the dam of our SVF Lea Ormsrag Queen, VG. at 2 yrs. with a 2X record at 8 yrs. of 21,470M 845 f. Queen is also the maternal granddam of our SVF Lady Lea Milord, N. J. State Leader with 31,907 M 4.0% 1280 F 2X at 5 years.

★

HIGH POINT GRETQUE LOCHINVAR (VG)
Another great daughter of Lochinvar 3rd. She has a 3 yr. old record of 17,108 milk - 3.87% - 662 f. on 2X and a lifetime record of over 90,000 milk on 2X. Her descendants have been equally as great as those of her paternal sisters at Sunny Vale. We have her grandson and 5 females directly descended from this great cow.

NOTE:

THIS GREAT 5 STAR GROUP HAS LEFT US 54 COWS AND HEIFERS WITH 3 SIRES IN SERVICE

★

(No picture available)
PEGGY LOCHINVAR POSCH (GP)
At 4 yrs., 14,036 m 3.8% 533 f on 2X. She is the dam of 2nd Produce, N. J. Black & White Show 1957-58. Her daughter VG in our herd is the dam of our present herd sire. She has 20180 m 3.9 788f at 4 yrs. She has one ROP daughter and another very nice one in our herd. While we were very unfortunate to lose Peggy as a young cow her daughters as brood cows are transmitting the Lochinvar type and great production. She has left us 2 daughters 5 granddaughters and a grandson.

NOTE:

THEY ARE A REAL CREDIT TO THE LOCHINVAR FAMILY

We Welcome Your Visit

PBR — Herd Avg.: 15,074 m 3.9% 588 f 77 Cows — Classified 83.1 on 77 Head

SUNNY VALE FARMS

R D 1, LaFayette, New Jersey

ARTHUR GOEDECKE
Manager

FRANK J. AND ROSELYN INGANAMORT
Owners

G. LAYKE KERR
Herdsman

GOLD MEDAL DAMS

(from page 25)

VIGO BURKE HENGERVALE
2759644 (EX-93)

ville, Wis. She is a daughter of Pabst Burke Belvale, and thus a granddaughter of Wisconsin Admiral Burke Lad. Her own lifetime credits in 2936 days total 156,696 lbs. milk, 5462 lbs. fat. She qualifies with 3 of 3 offspring in production: 4 of 4 in classification. Her two daughters have records averaging 15,890 lbs. milk, 565 lbs. fat, adjusted. Her son, Vigo Leander 1238318 (EX), completes the production qualification with his record of 12 daughters averaging 16,796 lbs. milk, 599 lbs. fat, as adjusted. This bull is owned by East Central Breeders' Cooperative, Waupun, Wis. Another son and the two milking daughters are classified VG, a fine type record indeed. M.S.P.

ROYAL RAG APPLE SERIES PLANNED

The Backus Brothers of R. Austin Backus, Inc., Mexico, N. Y., have announced that a new series of a special Rag Apple bloodline sale will be started this year. The First Royal Rag Apple Sale is scheduled for Friday, August 12, 1960 at Earlville, N. Y. This sale will be managed by R. Austin Backus, Inc., Mexico, N. Y. Selections will be made by Wesley Engst, Frogmore Farms, Inc., Aurora, N. Y. Mr. Engst plans to cover most of the northeastern part of the United States and Canada making selections for this sale. Special emphasis will be placed on picking animals that are of outstanding type along with Rag Apple pedigrees and good production potential. The Sales Management feels that 1960 is the ideal year to start this Rag Apple series. The four milking All-American winners were all Canadian bred and all strong Rag Apples. Also the new World's champion, Princess Breezewood R A Patsy (1866 on 2X), is a linebred Canadian Rag Apple.

NEW *INSTANT* SUPER CALF-KIT FOR HIGHER ENERGY FEEDING

New INSTANT milk replacer saves mixing time

Pour water—add Super Calf-Kit—stir. That's it. Peebles' Super Calf-Kit, the *instant* milk replacer, goes into solution immediately.

Calves love it. Super Calf-Kit safely and efficiently replaces all fresh milk after colostrum with a balanced formula including 10% fat, 28% protein. Early weight gains, vigorous health, bigger frames, silkier hair coats are the result.

Super Calf-Kit is extra-digestible...Thermogized and fortified with Aureomycin and Terramycin to help eliminate scours. This smooth, creamy milk replacer tastes good, is good! Today, try Peebles' Super Calf-Kit on a money-back guarantee of performance and quality. Available in 25-lb. and 50-lb. bags.

WESTERN CONDENSING COMPANY
Appleton, Wisconsin
World-Wide Producer of Quality Milk Products
DIVISION OF DAIRIES, INC.

BUILD YOUR HERD with YOUNG'S (since 1902)
VIT Y MIN*
Supplements for Livestock
HIGHEST Potency — HIGHEST Quality
LOWEST Net Cost!
NO SALT . . . NO LIMESTONE . . . NO FILLER!
YOUNG'S VITAMIN & MINERAL PRODUCTS CO.
Roaring Spring, Pennsylvania
* VIT-Y-MIN is the supplement used by many champions and prize herds!

VIGOROUS CALVES
MORE PRODUCTIVE COWS
with "Grow-'Em" Milk Replacer and Cattle Special
Milk Replacer and Mineralized Stock Foods for all livestock. Ask your nearby ISF representative for all the profit-making facts, or write to:
THE MARK OF QUALITY PRODUCTS ISF
International Stock Food Corp.
P. O. Box 29D
Waverly, New York

News of the Trade —

PRINTING COMPLETED ON "HISTORY"

The final six skids of printed forms of the Diamond Jubilee Edition of the Holstein-Friesian History were shipped to the New York book binding firm of J. W. Tapley on February 24th. The finished books are promised for delivery by the first week of May.

This culminates a program of two years of preparation and production that represents the most ambitious publishing venture ever attempted in the purebred dairy cattle industry. This 8½ x 11½ inch volume contains 565 pages with 1351 illustrations and is the largest and most carefully done job of printing ever produced by the Corse Press, the printing subsidiary of Holstein-Friesian World.

The new edition was produced under the direction and editing of Maurice S. Prescott, editor of the **World** since 1914, and one of the authors of the original Holstein-Friesian History brought out by the **World** in 1930. He has devoted much of the last two years to this project.

Melvin Scholl, popular journalist in the purebred dairy cattle field, and formerly a successful Holstein breeder and herdsman, was a fortunate addition to the **History** staff. His remarkable section on **The Families of the Breed** comprises nearly half the book. He is also the author of the chapters on the public auction sales and the history of the show ring.

Other chapters are by Prof. H. H. Wing, on the antiquity of the breed and its introduction into America, and William A. Prescott, World Associate Editor Emeritus, on the Rag Apple Family — his remarkable story which was hailed so widely when it ran originally in the **World.**

Pre-publication sales of the new **History** have been highly gratifying. **World** readers who have been postponing their order until closer to the delivery date should place their orders now if they wish to take advantage of the special discount. The list price of $10.00 will be effective on April 16th.

ROCK RIVER BULL TO VA.

Herman Breslich, executive of a Chicago advertising agency and two associates, Richard Harris and Carl Owens of Culpeper, Virginia, have purchased from Rock River Farms, Byron, Ill., Rock River Double Gewina as future herd sire of their combined dairy operations.

LOCKING UP THE FINAL FORM
Claire Soule and Hal McDougal, Corse Press printers who had charge of make-up on the History, lock up the final form for the press as composing room foreman George Corse looks on.

Harris and Owens, graduates of North Carolina State College and former dairymen in North Carolina moved to the rapidly growing Northern Virginia dairy belt after purchasing historic Morton Hall near Culpeper, a 600 acre farm famous in the area since pre-revolutionary times. To this farm has been added another 256 acres with the recent purchase by Mr. Breslich of Mistwood Farm, Rapidan, Virginia. Additional acreage is rented primarily for hay and silage crops.

At present, the old farm buildings are being renovated and augmented to fit a modern loose housing operation built around a 12-stall milking parlor constructed last fall. There will be 120 milking head by Fall with the objective of 200 purebreds in production toward the end of 1960.

Farm planning has been altered somewhat with the purchase of Rock River Double Gewina. Until now, Harris and Owens have concentrated successfully on high milk production. As a result of the purchase of the new bull, a separate breeding operation will be undertaken with an eye toward breed improvement.

BEAUTENA ROYAL CALF SALE

More than 1800 people attended the third annual Beautena Royal Show and Sale at Faribault, Minnesota, January 9, sponsored by 33 Purina Dealers in Southern Minnesota and Radio Station KDML, Faribault.

Grand Champion of the show and top selling heifer was Carrollton Master B Fern, bred by Donal J. Carroll, Rosemount, Minn., and shown by the Kenyon, Minnesota, FFA. She went to Eugene Lorenz, Bricelyn, Minnesota, at $445. Average of the 33 herd prospects was $251.

The show was judged by Professor C. L. Cole, University of Minnesota, and Herb Filk, past president of the Minnesota Holstein Breeder's Association.

These calves were purchased from local breeders at less than one week of age, and raised to 4 months in Purina dealer's stores to demonstrate a modern calf feeding program. The calves were shown by local FFA and 4-H Clubs and the entire proceeds of the sale went to the youth organization that showed the calf.

During the past three years more than $20,000 has been raised for participating FFA and 4-H Clubs by Southern Minnesota Purina Dealers.

Her son to Argentina . . .

ELDLIE LADY N J (VG-89)

8y	365	2X	24,100	4.2	1003
7y	357	2X	23,135	4.2	966
4y	365	2X	24,187	3.9	937
9y	357	2X	23,765	3.9	917 *

(* Inc.)

Her Carnation Madcap Butter Boy (EX-96-SMT) son sold by Elsmer F. Berg & Son, Brownsville, Wis., to Estancias Martona and Celedonio V. Peredo, Buenos Aires, Argentina.

BREEZEWOOD CHAMPION SOLD TO MABC

Breezewood Champion (GP) herd sire at Gelbke Bros.' Breezewood Farm, Vienna, Ohio, was sold January 23, 1960, to the Michigan Artificial Breeders Cooperative, Inc., East Lansing, Mich., and arrived at his new home February 15th.

Champion has 2-year-old daughters with actual 2X records to 22,372 lbs. milk 4.0% 906 lbs. fat at 2y 1m. His first eight daughters to finish average: (M.A.B.C. Proof 2X-ME-305d) 20,213 milk 4% and 817 fat, an increase of 5,219M .6% and 303 F. His 906-lb. daughter, Breezewood Champion Paula, is now third in the National 2X Herd Test List, replacing Champion's full sister, Breezewood Mistress Delores (GP), with 2y 4m 23,738 milk 3.5% 830 fat. Delores is still unofficially the Leading Junior 2-year-old for Milk in HIR, 2X, making this record in 1958.

A maternal sister to Champion, fresh in October, 1959, was still milking over 100 lbs. a day the middle of January on 2X and appears headed for an outstanding record.

BULLS - BULLS - BULLS

WE HAVE HAD A RUN OF BULLS AT MAPLE VIEW . . .

Never before have we had such an assortment of prospective herd sires.

SIRED BY —

Gray View Pansy Pilot (GM-VG)
Maview Lad Direct Fern Side (EX)
Meadow Springs Follow On Laird (GM)
Brigeen Golden Foremost (GM)

*Four from dams with records above 800-lbs. fat

*Six from dams with records above 700-lbs. fat. These dams all classified VG or EX.

Write us for information.

NOW is the time to start your next herd sire.

MAPLE VIEW FARMS

Corinna, Maine

Fred J. Nutter **Robert Nutter**

Eerdowell Farms

We have decided to offer for sale KENLAWN ARISTOCRAT HOPE, born Jan. 24, 1959, a son of the well known bull, Council Rock Worthy Aristocrat (EX-GM).

His dam is KENLAWN HOPE VEDA, a granddaughter of Spring Farm Fond Hope, (EX). She is classified Very Good and has three good records. Her last record on HIR at 4 yrs. 3 mos. 2X 365 days 14,607 milk, 672 fat. She is a large cow and pleasing to look at.

Aristocrat Hope is well grown. He is the calf Veda was carrying when we purchased her in the 1959 New York State Sale at second top price.

We would be pleased to show him and his dam to you.

Richard B. Ross

Gowanda, N. Y.

Our Former Herd Sire

WINTERTHUR ZEUS FOBES CHALLENGER
Gold Medal
Son of Pabst Winterthur Zeus (EX-GM) from Winterthur Fobes Great Dad Vaylo (VG), 816-lb. 2X daughter of Posch Ormsby Fobes 14th.

We still have 20 daughters of Challenger in our herd with 3 of them over the 100,000-lb. mark and more approaching it.

Our daughters of Challenger are being bred to the top sires in the Northern Ohio Stud, many of them to Raven and Magician.

HIR Testing **Classified**
Bang's Accredited **T. B. Certified**

H. B. Owen & Son

HOMERVILLE **OHIO**

Phone: Homerville 2462

Her Grandson For Sale

Oostie
→
Princess
Inka
(EX)

former Wis. state champion with 800 F. 3½ yrs.
AND THE CALF IS BY CARNATION MADCAP BUTTER BOY EX-SMT sire — (see cover this issue)

This calf was born Jan. 4, 1960.

His dam is Oostie Homestead Cecilia (GP-84)
Her HIR records:

365d	2X	2y8m	11,576 M	4.3%	499 F
359d	2X	3y10m	12,982 M	4.4%	567 F

She is a daughter of Carn. Homestead Highboy (EX-GM) from "Princess".
Write for pedigree and price —

Holwyn Stock Farm

FAY BOUIC **Rt. 2** **OSTRANDER, OHIO**

Another Good Minnesota Herd Dispersing

LAWRENCE SHERMAN DISPERSAL

42 HEAD

- 25 COWS (Only one over 6y) 15 with completed lactations average over 500F.
- 3 BRED HEIFERS, due in fall
- 3 OPEN YEARLING HEIFERS
- 5 HEIFER CALVES
- 1 YEARLING BULL from a cow with 4 recs. 600 to 694 F.
- 3 BULL CALVES

SPLENDID PRODUCTION

DHIA AND HIR TESTING

460 TO 569-LB. AVERAGES FOR THE PAST 10 YEARS
15 cows with completed lactations average over 500 lbs. fat, with only one mature record included.

ARTIFICIAL BREEDING

Practically the entire herd artificially sired by Consolidated Breeders and Minnesota Valley Breeders sires.
Daughters of and cows bred to noted sires including Gold Medal sires.

HERD ESTABLISHED 32 YEARS
Classified — Bang's and T. B. Tested

MON., APRIL 4

Starts at 12:30 P. M. at The Sherman Farm, 3 miles south of Ulen on Minn. 32 and ½ mile east. 24 miles east of Moorhead on U.S. 10 and 11 miles north on Hy. 32.

ULEN, MINN.

LIBERAL TERMS AVAILABLE
To Buyers Regardless of Location.
For Catalog Write
THORP SALES CO.
Box 508 Anoka, Minn.

The Complete Dispersal of the

NEW YORK STATE AUBURN PRISON FARM

Tuesday and Wednesday — April 5 and 6

At The Prison Farm — Auburn, N. Y.

Starting at 10:00 A. M. both days. The Prison Farm is just North of Route 20, 2 miles east of Auburn on Prison Farm Rd.

ON APRIL 5th

Starting with 150 Hogs (10:00 A M)

30 Brood Sows (some with litters) - 2 Boars - 120 Shoats

THEN —

74 REGISTERED HOLSTEINS

All eligible for interstate shipment.

One of the State's Highest Herds:

DHIA HERD AVERAGE: 14259 MILK 3.9% 557 FAT

This herd consists entirely of daughters of NYABC sires and is bred to them. It includes 5 daughters of CHEMCO DEAN SEGIS; 4 daughters of FAIRBAIRN PAUL TEDDY; 3 daughters of KNOLLWOOD ALCARTRA CHIEFTAIN; 5 daughters of PEBBLE BEACH PRINCE OF WAYNE; and many other groups of paternal sisters

HIGH PRODUCTION! - CLASSIFIED

There are individuals with 2X records over 19,000 lbs. milk and 700 lbs. fat in a year. Two daughters of M F Sir Pride Adantha have 2X records over 18,000 lbs. milk and 650 lbs. fat. Dozens with over 15,000 lbs. of milk and 500 lbs. fat.

ON APRIL 6th

Complete Line Modern Farm Machinery

Including:

New McCormack Farm-All 400 Tractor
3 other Farm-All Tractors
1 Case Tractor
A 1959 New Holland Super Hayliner Baler
A 1959 New Holland Hay Crusher and Tractor Mower
New Manure Spreader
Rubber Tired Wagons
1957 Allis Chalmers 56 Combine

Complete line of modern farm machinery and dairy equipment, plus hog houses, feeders, etc., and poultry equipment.

Don't miss this big equipment auction where you can save real money on many nearly-new items, all in A-1 condition!

For more details write or telephone the Sale Managers:

I. T. and C. A. Welch & Sons, Inc. — West Edmeston, N. Y.

Auctioneers: WELCH and SHELDON

Phone: 23-F-12 (Leonardsville, N. Y.)

Owner: THE STATE OF NEW YORK

GERHARD NICOLAUS DISPERSAL

At The Farm . . . . Batavia, Wisconsin

MONDAY, APRIL 25TH

15 Cows of Milking Age

13 Bred Heifers

10 Show Calves

Daughters of "Roburke," Admiral Comet, Wisconsin Masterpiece Ormsby, Pabst Leader Walk, Pabst Sir Comet Oliver, Pabst Comet King, Vigo Leander and Climax Ormsby Leader.

This is a very select herd that has been carefully built up through selection breeding. In next issue, we will show you two pages of unposed animals that are selling in the herd, taken by Mrs. Gerhard Nicolaus who grew up in 4-H work.

46TH ANNIVERSARY

TUESDAY

APRIL - 26

Sale Starts 11 A. M.

Entries and photographs have been delayed on account of zero weather and 82½ inches of snow, but they are coming in. We had expected to show you quite a few photographs in this issue, but we are delaying until next issue. We will simply tell you about a few of the top animals. Glen Householder of Madison, Wisconsin and James Gordon of Waukesha, Wisconsin have driven thousands of miles within the past few weeks making these selections—

A daughter of ROSAFE SIGNET from a daughter of "ENGRAVER," bred to ROSAFE CENTURION. There are five "Excellents" in her pedigree.
—Glenafton Farms

Raymond Peterson . . . 3 top heifers - one of them a daughter of WIS LEADER — all from dams with over 500 lbs. of Fat - up to 582 lbs. of Fat— and springing at sale time.

Glen Householder was at Christ Mayer's yesterday and selected two top animals.

James Gordon has two top heifers coming from Rock River Farms.

Glen Householder, who covered the State of Minnesota, has 10 head coming out of Minnesota—one of them a top "Roburke" daughter from Hugo Albrecht.

OTHER CONSIGNORS FROM MINNESOTA--

Don Sloan, Ellenvale, Minn.
Alton Albrecht, Stewart, Minn.
Walter Harguth & Sons, Maynard, Minn.
Edw. Meschke & Sons, Morristown, Minn. . . . a 638-lb. "VG" cow.
Charles Will, Jordan, Minn. . . . a 3-yr-old daughter of Carnation Commander, due May 13th.

To Insure Catalog In Advance of Sale, Send 50c to:

WATCH FOR NEXT ISSUE!

W. L. BAIRD CO. BOX 177 WAUKESHA, WIS.

SALE WAUKESHA, WISCONSIN

Selling at

Waukesha - APR. 26 - PABST L D PRILLY

BORN MAY 21, 1959 - ¾ BLACK

— HIS 850-LB. VG DAM —

PABST WALKER BURKE PRILLY (VG)
Dtr. of Pabst Roamer Dean Walker Lad (EX-GM).

His 7 nearest Dams ave.
F. 365d 815.9
M. 20,472.0

353d	5y	3X
20,647	**4.1%**	**850.0**
365d	2½y	3X
18,853	4.1%	778.9
305d	2½y	3X
16,049	4.1%	658.0

Maternal sister to Pabst Reburke Cascade, VG, with 712 F. 4 yrs. and to Pabst Comet Burkade, VG with 631 F. 4 yrs.

— HIS PAT. GRANDSIRE —

WIS LEADER (EX-GM)
Sire of All-American Get '56
Sire of 22 "EX" offspring
7 dtrs. from 710 to 1045
223 cl. dtrs. ave. 83.6

HIS SIRE

PABST LEADER DUKE 1249424 "VG"

He has one dtr. now on test; maternal brother to Pabst Reburke Duke, Gold Medal, and to Pabst Duke (VG). Son of Wis Leader from Pabst Burke Duchess (VG) with 861.9 F. - she was best uddered cow at Wis., 1948, 2nd best udder, Wis. 1950 and 3rd best udder at Waterloo, 1950. Dtr. of Burke.

HIS MAT. GRANDDAM - GOLD MEDAL

PABST BURCADE WAYNE PRILLY (EX-GM)

She is EX. and a GM dam.
365d 7½y 3X
22077 3.8% 830.6
305d 7½y 3X
20674 3.7% 771.1
365d 8½y 3X
20337 3.7% 744.7
365d 4½y 3X
20059 3.7% 733.5
365d 2y 3X
17098 3.7% 640.9
6 lacs.
102,100 M 3.7% 3,773 F
All-Am. 4-yr.-old 1948 and member All-Am. Get, 1948. 2 A R dtrs. 631-712-850.

HIS MATERNAL GRANDSIRE

PABST ROAMER DEAN WALKER LAD EXCELLENT — GOLD MEDAL ALL-AMERICAN 2-YEAR-OLD 1949

PABST FARMS INC. Acc. & Neg. Oconomowoc, Wis.

46th ANNIVERSARY SALE — TUES.

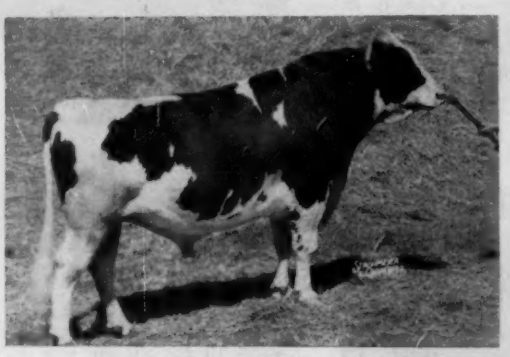
— Fertile Meadows Consigns 4 HEAD —

Among These

FERTILE MEADOWS DELIGHT LEADER

2-yr-old daughter of WIS LEADER from Fertile Meadows Delight Bess, with 504 lbs. Fat in 329 days 2X HT as a 4-yr-old. The dam is a granddaughter of Minnow Creek Eden Delight, classified "Excellent" with a lifetime production of 248,661 lbs. Milk — 10,735 lbs. Fat — known as the breed's greatest cow. This heifer was bred the 22nd of September to River Valley T N Prince whose two nearest dams average 1309 lbs. Fat and a classification score of 91 points.

HER SIRE



WIS LEADER
"EXCELLENT - GOLD MEDAL" Bull.
Sire of the All-American "Get" in 1956. 23 "Excellent" offspring. Sire of the All-American Aged Cow that has four records averaging over 1,000 lbs. Fat.

MINNOW CREEK EDEN DELIGHT
Classified "Excellent". Only cow with five 2X records over 1,000 lbs. Fat. Lifetime breed champion with 248,661 lbs. milk — 10,735 lbs. Fat. She is the granddam of Fertile Meadows Delight Bess.

With his heifer comes two daughters of Fertile Meadows Re-Grand Duke, son of Minnow Creek Eden ReGrand, classified "Excellent," from dams with records up to 582 lbs. Fat. These heifers write wonderful pedigrees and are bred to River Valley T N Prince. BE SURE AND SEE THESE HEIFERS!!

ERINDALE DUNLOGGIN ANNA
Classified 95 points

365d	13y	3X	33900 M	4.4%	1487	F	HT
365d	11y	3X	33198 M	4.5%	1479.4	F	AR

Also 1088F and 1076F.
Her yearling grandson, Fertile Meadows T N Thunder is in the sale.

With these three heifers comes FERTILE MEADOWS T N THUNDER. Sire: Budd Farm Top Notch, whose seven nearest dams average 24,354 lbs. Milk — 932 lbs. Fat — six generations of over 100,000 lb. cows. His dam is the first "Excellent" cow to make over 1400 lbs. Fat. She made in four lactations 5131 lbs. Fat. The dam of this bull is Fertile Meadows Burke Proud with three records up to 672 lbs. Fat. — 17500 lbs. Milk.

Raymond Peterson — Blue Mounds, Wis.

FOR INFORMATION WRITE W. L. BAIRD COMPANY BOX — 177 WAUKESHA, WIS.

APRIL — 26 — WAUKESHA, WIS.

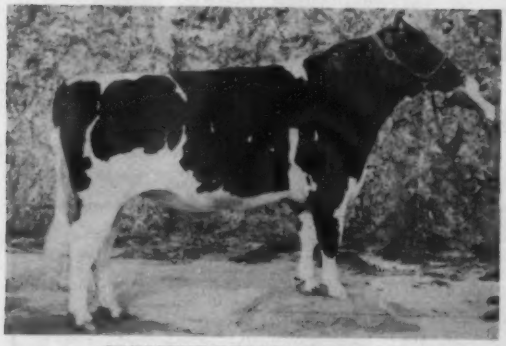
ADMIRAL ORMSBY FOBES
Sire: Marathon Bess Burke.
Dam: Wisconsin Fobes 5th
There are 71 crosses of ADMIRAL ORMSBY FOBES in Crescent Beauty Superb's pedigree.

SELLING THIS SENSATIONAL CALF

CRESCENT BEAUTY SUPERB

who has 71 crosses of Admiral Ormsby Fobes and is from Da-Co-Ton Crescent Fannie who is classified 95 points and Reserve All-American Aged Cow in 1957 and 1958. In these 46 yrs., never have we had a bull with 71 crosses of the great ADMIRAL ORMSBY FOBES — nor, have we had a bull whose dam classified 95 points.

FULL BROTHER TO "SUPERB"



CRESCENT BEAUTY TRIUMPH
Full brother to Crescent Beauty Superb. He is the main herd sire at the Allen Hetts Farm today. His sire is Crescent Beauty Excellency whose pedigree filled with excellents. Since her last freshening, she is milking up to 95-lbs. on 2X.

DAM OF "SUPERB"

DA-CO-TON CRESCENT FANNIE
"EXCELLENT — 95 pts."
H. T. Records —

365d	7y	3X	21506	4.5%	973
308d	5y	2X	15385	4.3%	654
348d	4y	2X	14632	4.1%	598

6 lactations — 88373 M 3692 F
Reserve All-American Aged Cow, 1957 and 1958. Grand Champion National Dairy Show, 1957. Reserve Grand Champion National Dairy Show and International Dairy Show, 1958.

CRESCENT BEAUTY HOLSTEINS

— Accredited —
Certified — Calfhood Vaccinated

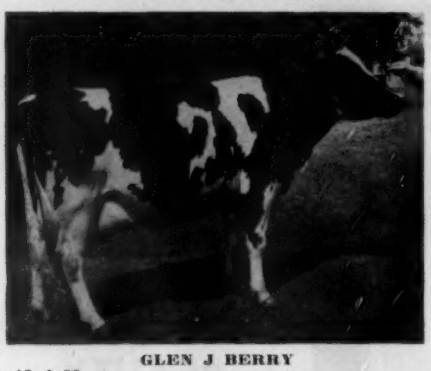
Allen Hetts Ft. Atkinson, Wis.

CONSIGNED TO — THE 46th ANNIVERSARY SALE— TUESDAY APRIL-26 AT WAUKESHA, WISCONSIN

THIS CHOICE "BUTTER BOY" SON BUTTER BOY ROCKET

Born: February 11, 1960. Seldom does the public have a chance to buy a bull of this kind.

— DAM OF BUTTER BOY ROCKET —



GLEN J BERRY

Classified 88 pts.
She was 1st prize 4-year-old and 1st and best uddered cow in the Central Minnesota Black & White Show, 1959, and will be shown again this year. Donald Jergens says that she is a member of their best cow family. See the pictures of the granddam and her maternal sister below.

— GRANDDAM OF "ROCKET" —

GLEN ROCKETTE BERRY TWO

Classified "EXCELLENT — 92 pts."

5y	2X	365d	22247 M	4.2%	941 F
7y	2X	365d	20674 M	4.3%	878 F

1st Aged Cow and Grand Champion at Central Minnesota Black and White Show, 1959.

— MAT. SISTER TO GRANDDAM —

GLEN H M BERRY

Classified "Very Good" — 89 points.

6y	2X	22589 M	4.1%	937 F

SIRE OF BUTTER BOY ROCKET

CARNATION MADCAP BUTTER BOY

96 points.
Sire of the Reserve All-American "Get" in 1958 & 1959

WHERE WOULD YOU WANT A BETTER COW FAMILY BACK OF A SON OF "BUTTER BOY"!!

With this top herd sire comes a 2-yr-old daughter of Sir Regal Gypsie, classified "Excellent" and sire of the All-State Get of Sire in 1957. The dam is a daughter of Gypsie Ideal with 600 lbs. of Fat on 2X . . . and bred in September to Gypsie Little Rock, whose dam is Glen J. Berry, classified 88 pts.

JERGENS HOLSTEIN FARM HUTCHINSON, MINN.

News of the Trade —

OFF TO ARGENTINA

MERIWETHER PABST SUSIE 4578625

Selected by Carlos L. Pereyra Iraola as a future matron for his breeding herd near Buenos Aires, this daughter of Pabst Regal recently left Bartlett Farm in Wisconsin for a new home under the Southern Cross. She is from a Wis Leader daughter, VG at 2 years, with a first record of 16523 M 3.8% 631 F on 2X. The maternal granddam and great-granddam are both Gold Medal "VG" cows; the heifer herself is due in May to the service of Meriwether Oshkosh Karl, double grandson of the Bartlett's famous "Phoebe".

In the same shipment were included animals from Vigo Farms (Elsmer F. Berg & Son), Harvey A. Nelson & Sons, and Elmwood Farm at Lake Forest, Illinois, destined for Senor Pereyra and the La Martona herd represented by Guillermo Bullrich Casares, whose many friends in this country wish him well in Holstein breeding.

A CLASSIFICATION "FIRST"

For the first time in the 31-year history of Holstein Herd Classification for Type, the program has been extended beyond the limits of the continental United States.

On a recent mission to Puerto Rico, J. A. Fairchild officially scored 113 registered Holsteins.

Included in the total were 37 animals owned by Rafael Antonio Miro of San Juan, 69 in the herd of Manuel Gonzales Quinones of Durado and seven bulls at the Artificial Insemination Center at Durado.

In the Miro herd, three animals were officially classified "Very Good" —the second highest designation possible. Eighteen others were a notch lower in the "Good Plus" bracket.

Manuel Gonzales Quinones had seven "Very Good" animals. Twenty-seven were classified "Good Plus."

The bull stud, managed by Cesar Estrada Gonzales, had one sire classified "Very Good." Five others were classified "Good Plus."

Although it regularly provides classification personnel to Holstein organizations in other countries the Puerto Rican project marked the first extension of The Holstein-Friesian Association of America's own official program beyond the original 48 states.

OFFICIALS OF PUERTO RICAN HOLSTEIN ASSN.
Board members of the Holstein-Friesian Assn. of Puerto Rico at their field day, pictured with the president of the Board for the Promotion of the Milk Industry, Placido Acevedo. From left: Jose B. Ramirez, Placido Acavedo, Arturo Rivera Gomez, Cesar Estrada (secretary), Manuel Gonzales (president), Mariano Mari, Ramon L. Carro, Jorge Nevares, Juan A. Faria, Jr., and Alfonso O. Calderon (treasurer).

Like similar data on the more than 50,000 registered Holsteins classified annually on the mainland detailed type information on the Puerto Rican animals will be published in the Association's Type and Production Year Book.

The project which is expected to be the fore runner of regularly-scheduled classification programs, is a reflection of continuing Holstein progress on the Island.

Thanks to its ready adaptability to Puerto Rican conditions, the Holstein ranks as Puerto Rico's leading dairy breed.

In recent years, this trend has been accelerated by the practical efforts of the Holstein-Friesian Association of Puerto Rico — an organization closely paralleling the 48 State Holstein Associations. — H-F Assn.

Four survivors of rare quintuplet dairy calves are shown one week after their birth on the 80-acre farm of Lester H. Harms and his wife, Mathilda near Crown Point, Ind. The fifth calf died at birth, but Harms says the others are thriving on a special liquid ration containing Aureomycin. The cow, a three-year-old Holstein, also survived which a U. S. Department of Agriculture expert says might not occur again for 10 years.

FABLE OF 1907

Don Brace, Lone Rock, Wisconsin is our informant on this anecdote about the record of Colantha 4th's Johanna: Mr. E. A. Beule who now lives in Beaver Dam, Wis., tells of his being one of the testers employed in the supervision of the world's championship production of Colantha 4th's Johanna at Rosendale, Wisconsin. When the results of Beule's tests reached the University at Madison, those in charge of the official testing found these figures so high they threatened to fire Beule as they thought "no cow in Wisconsin was capable of making a record like that and that records of that size were made only in the east." Consequently a check tester was sent to Rosendale and samples were taken back to the University where these tested .1% higher than had those of Beule.

So Mr. Beule was then absolved of any wrong doing and the record was completed using his tests.

ED. NOTE: Colantha 4th's Johanna was the first cow of any breed to make 1200 lbs. butter.

Obituary —

JENS P. RASMUSSEN

Jens P. Rasmussen, aged 75 passed away at the Oelwein, Iowa hospital on January 17. With his son, James, he had been breeding Holsteins on his farm near Maynard, Iowa for the past 30 years making his start on a farm near Waverly, Iowa. The present herd is quite predominantly Carnation breeding; a former herd sire was a son of the noted four times 1000-lb. cow, Allfame Jewelcrest Cascader.

Mr. Rasmussen was a most enthusiastic breeder of good Holsteins; he is survived by his widow and son who will carry on the purebred Holstein herd.

Obituary — —

WILLIAM F. SCHILLING

William Francis Schilling died February 11, 1960 at his home in Northfield, Minn. He was 87 years of age. A native of Minnesota, he had resided in Northfield for 65 years and was an important figure in its civic life. He came there as a printer; remained as editor, dairy farmer, agricultural leader, columnist, author and curator of a remarkable museum.

A prominent Holstein breeder from 1904 to 1945 on his Spring Brook Farm (now owned by St. Olaf College), he served from 1907 to 1911 as third vice president of the Holstein-Friesian Association of America. He was chief organizer and first secretary (later president) of the Northfield Holstein Club. He was also one of the first officers of the Twin City Milk Producers' Association, serving as its president from 1918 to 1928. He also served terms as president of the Minnesota State Dairymen's Association, and as a director of Land O'Lakes Creameries. President Hoover appointed him as the dairy member of the Federal Farm Board, on which he served in Washington during the Hoover Administration. He had been a member of Mr. Hoover's Belgian Relief Committee, and in 1929 was a U. S. delegate to the International Dairy Congress in London.

Always an ardent collector of antiques and unusual articles, he developed over the years a remarkable museum collection which he named the Schilling Hobby House. It occupies 110 show cases and comprises 19,000 articles.

Colorful Bill Schilling, magnificent in his loves and in his hates, never surrendered. His final self-typed letter to the World (see Jan. 9 issue P. 99) was characteristic in its force and pungency, even though his eyesight had failed and his doctors, as he expressed it, had "given up on him."

WM. F. SCHILLING
As a member of President Hoover's Farm Board about 1929.

The first Mrs. Schilling, whom he married in 1899 became the mother of his three sons and five daughters, dying in 1936. He remarried in 1939 and the present Mrs. Schilling survives him, along with his eight children, 22 grandchildren, 15 great-grandchildren and one great - great-grandchild.

HARVEY T. RETTEW

Harvey T. Rettew, Manheim, Pa. died January 19 in St. Joseph's Hospital where he had been a patient 11 days following surgery for removal of a foreign object in his esophagus. He had just turned 67 years of age. A Holstein breeder for many years, he was a recognized pedigree expert and a successful manager of Holstein sales in Pennsylvania. Prominent in his community, he was a director and vice president of the Union National Bank in Mount Joy and a member of the Mennonite Church. Surviving are his wife, a daughter, three grandchildren and five brothers and sisters.

MRS. H. E. MACHOLD

Mrs. H. E. Machold (82) died January 13 at the House of the Good Samaritan in Watertown, N. Y. from a heart condition. Mr. and Mrs. Machold were married November 14, 1900, and maintained a residence for most of the period on the family homestead at Ellisburg, N. Y. Surviving are her husband, who has long been an important figure in the political and business life of New York State; a son, Earl, who is president of Niagara-Mohawk Power Corporation and a daughter, Mrs. Doris Davis.

FREE CATALOG
of Dairying
Supplies and Equipment

Over 2000 Farm Items
NASCO catalog lists complete stock of dairying and general farm supplies — all at big savings to you. Many unusual products not available in stores.

Write for a *free* copy of NASCO'S Catalog No. 61. Prompt delivery. Satisfaction guaranteed.

160 Pages — Fully Illustrated.

NASCO
FORT ATKINSON, WISCONSIN
NATIONAL AGRICULTURAL SUPPLY CO.

= WANTED =
Dairy Farmer with small family for Connecticut dairy farm; registered Holsteins, modern house and facilities. Experience and good references required. Position open after April 1st. Write **Box 844, c/o Holstein-Friesian World, Laconia, N. Y.**

For Sale Complete herd of 19 Registered young cows and 10 bred heifers. Certified, Accredited and Vaccinated.
PAUL VAN CLEVE
Littlestown, Pa. **Phone 196-R-11**

TOP M. A. B. C. SIRES

FOR-MAR VAR LOCHINVAR
Excellent - Gold Medal
11 daus. 14853M 3.7% 543F
11 dams 11948M 3.4% 411F
+2905M +.3% +132F
17 daus. classified avg. 83.1%, 4 - VG, 13 - GP
Sire: Dunloggin Var (SMP)
Dam: Mildred Pabst Lochinvar

CRESTON LUCKY STRIKE
Very Good - Gold Medal
80 daus. 12576M 3.9% 489F
80 dams 12,928M 3.6% 460F
—352M +.3% +29F
163 AB daus. 12838M 3.9% 493F
61 daus. classified avg. 81.02%
Sire: Creston Twenty Grand
Dam: Creston Rag Apple Hildegarde (VG)

HOME OF:
10 Gold Medal Sires
5 Silver Medal Type Sires
3 Silver Medal Type Sires

Write for Information:
Frozen Semen Available for Selective Mating.

MICHIGAN ARTIFICIAL BREEDERS COOPERATIVE, INC.
3655 Forest Road - Box 511 - East Michigan, Michigan

20 COWS PER ACRE... HOW DOES HE DO IT?

Dairymen everywhere can profit from many of this Californian's ideas. Here's the story from Cyanamid, maker of Aureomycin for feeds.

Not one of Green Pastures' 30 acres is pasture or green. Instead, manager Oscar Flowers has all feed and roughage for his 625 Holsteins trucked in. This farm makes money! Reason: hard work and experience applied to five key areas of dairying: feeding, breeding, management, sanitation and labor efficiency.

Combines feed needs with herd health

Green Pastures' grain ration is commercially mixed, pelleted to order, fed all year round. It's bulk trucked to the milking barn, augered into storage bins, automatically fed at milking time. Mechanical measurers adjust amounts of feed for each cow according to its production.

It's at this point in the operation that herd health is maintained. The broad-spectrum antibiotic, AUREOMYCIN®, is incorporated in the feed pellets and is fed on a continuous basis. Since this practice began over a year ago, foot rot and respiratory infections have been greatly reduced . . . and so have the number of herd replacements. Says Mr. Flowers: "By controlling disease and keeping herd health up, AUREOMYCIN lets our cows work full time at the one job they're here for . . . making milk."

Bulk truck delivers feed containing AUREOMYCIN. Mr. Flowers has ration pelleted for even distribution in completely automatic feeding setup.

45 cow unit goes onto wash rack before milking. Wash rack, like AUREOMYCIN, is just one of many management practices that make Green Pastures pay through increased efficiency.

Neighboring farms deliver and unload directly into corral bunks fresh-cut alfalfa twice a day, February through November. In winter, cows are fed only the finest, first-cut alfalfa. The basic rule: "Give 'em all they want to eat and drink."

Best of breed

The herd is carefully culled. Proved cows are bred artificially to champion bulls. Calves are sold immediately to neighboring farms. The best are bought back just before they freshen.

Management and sanitation interwoven

Everything at Green Pastures was planned before the first nail was driven. There are a minimum number of gates between 15 corrals and the milking barn. The herd is divided into 45-cow milking units, each kept in an assigned corral. Milking starts at 4 A.M. and 4 P.M. Sprinkler heads mounted in the floor of a specially constructed work rack spray the belly and udder of each cow just before she goes into the barn. The barn is thoroughly washed down between units.

Labor efficiency, incentive plan

A two-man team handles washing, feeding, milking, cleaning up. The team receives extra pay for production over specified minimum production rate.

For more information, see your feed dealer, or write: American Cyanamid Company, Agricultural Division, N. Y. 20, N. Y.

®AUREOMYCIN is American Cyanamid Company's trademark for chlortetracycline.

Like Oscar Flowers, thousands of dairymen have profited from continuous feeding of AUREOMYCIN because it:

1. Controls scours in replacement heifers and calves.
2. Controls foot rot.
3. Fights respiratory infections (rhinotracheitis, shipping fever complex).
4. Improves feed efficiency and growth rate.

CYANAMID

AUREOMYCIN
IN FORMULA FEEDS

CYANAMID SERVES THE MAN WHO MAKES A BUSINESS OF AGRICULTURE

WISCONSIN (from page 36)

maier of Elmwood; Warren Nelson of Union Grove; and Gary Kahl of Belleville. The other Wisconsin girl honored by the association at this meeting was Dorothy Furchtenicht, Shell Lake. Glenn Quilling of Elm Mound was the recipient of two different awards by the state association. For the second year he was given the state Junior Progressive Breeder award and was this year the winner of the Long Range Production contest. His was the only entry that surpassed the 100,000-lb. mark. There were five FFA boys honored by the association, John Doyle, Waupaca; Alfred Thill, Clayton; Robert D. Carns, Platteville; Edward Doeberiener, Jefferson; and Ronald Gotz, Marchfield.

The Banquet

With the exception of the banquet all of the mens' meetings were held in the Hotel Retlaw. Setting for the banquet was St. Mary's School where more than 700 were served. Harvey Swartz, Waukesha, Wis., (the Voice of Experience) received many compliments on his handling of his assignment as toastmaster. There were no speeches—a welcome by Robert A. Bird, President of the local association; introduction of the guests by Harvey Swartz; presentation of the Howard Clapp award by Gordon Berg; recognition of the Wisconsin Champion Boy and Girl by John Cooper.

Entertainment was provided by the "Banjo-Tainers" of Muskegon, Michigan and by the Malone sisters and Marvin Moran of WTMJ-TV; dancing followed.

Final Session

At the morning session of the second day was the election of four new directors. There were eight nominations including Frank Howard who was the only director eligible for re-election. Howard was re-elected with new directors Robert Koepp of Rice Lake; Walter Haberman, Janesville; and Hilmer Mueller, Seymour. Floyd Jones who had served the past year as state president was not eligible for re-election as director or president and Paul Christoph of Chilton, who has been Vice-President the past year was installed as President for the coming year. Norman Rasmussen was re-elected state secretary and John Doornink of Baldwin, vice-president.

Frank Case of Kyland gave the report of the show committee; John Morris of Maryland has accepted the invitation to judge Holsteins at the 1960 Wisconsin State Fair. While the show committee recommended that

DIRECTOR COOPER WITH WISCONSIN CHAMPIONS
Ext. Director, John Cooper congratulates the outstanding Holstein boy and girl of 1959 at state meeting—William Hageman of Fond du Lac and Marlys Nichols of Mount Hope. Hageman also won the Howard Clapp award and the 4-H leadership award.

three moneys and three ribbons be allowed for each exhibitor, assistant state fair secretary Willis Freitig, who spoke at some length following the report, explained that the national fair committee recommended the limiting of the money to two for each exhibitor. The state fair junior show will be judged by Elis Knutson; A. C. Thomson was unable to act as assistant and Merle Howard has been asked to be assistant judge.

John Bartlett, Oshkosh, gave the report of the state B & W show committee. Sheets were passed out giving a map of the state with the location of the ten proposed districts where the local shows would be held. The male classes proposed would be limited in age to senior yearling bulls with no groups except district herd. Oshkosh was chosen as the site for the first state B & W Show and the date will be July 21 with the district shows to be held not later than July 16.

A meeting of the county secretaries was held at 10 A. M. on the first day. A meeting of the juniors was held starting at the same time. Ken Peissig of Badger Breeders gave his talk and demonstration on pedigrees and he and Glen Householder conducted a question and answer period followed by a judging contest. The ladies' program included a trip to Wisconsin Home for Women at Taycheedah and a style show.

In addition to a resolution commending the host group for their splendid handling of the convention there was the one on the publishing of the 365 day records in the Type and Production year book; and another extending the compliments of the state association to Lewis C. French who just recently retired from the Milwaukee Journal. A motion that all heifer calves that are stockyards bound have their ears notched by September 1 was amended and carried providing for the president to appoint a committee to work with the P.D.C.A. in making a thorough study of this resolution.

F. C. B.

FAUQUIER-PRINCE WILLIAM SALE, VIRGINIA

By E. M. TRENIS, JR.

The Fauquier-Prince William Holstein Club held its first invitational sale at the sale pavilion of H. J. Wilson at Catlett, Va., on November 4, 1959 with Stan Hayworth, auctioneer, and John Morris reading pedigrees.

The sale consisted of 31 heifers and 3 young bulls selling at an average of $411.

The consignors were: Chilmark Farm, Locust Dale; Beechwood Farms, Fredericksburg; J. Carl Kincheloe, Manassas; Ed Michael, Nokesville; Harvey Smith, Nokesville; M. B. Ott, Jr., Remington; Ted Shepherd, Nokesville; L. R. Cowne, Nokesville; J. E. Taylor, Orange; Tirvelda Farms, The Plains; William Hale, Nokesville; Joe Kincheloe, Manassas; Willowlyn Farms, Catlett; E. M. Trenis, Jr., Catlett.

Saramajo Deen Pride, a beautiful senior 2-year-old consigned by A. Martin Macy, Locust Dale, Va. topped the sale at $660, going to W. I. King of Gaithersburg, Maryland.

Other animals going over the $500 mark were:

Joe Kincheloe's Best View Grand Master Meg going to Lacy Peters of Catlett for $625; E. M. Trenis, Jr.'s Winterbrook Della Burke going to J. C. Eller for $575; Willowlyn Farm's Willowlyn Christy Inka going to Russell Inskeep of Culpeper for $540; Also Willowlyn Robinhood Design Dot and heifer calf going to Yakin Dairy Co. of Wilkesboro, N. C. for $610; Willowlyn Standout Carroll going to Lacy Peters for $500; Ted Shepherd's Kasher Pabst Exact Shadybrook going to Mrs. Miami Meinzer of Catlett for $500; Also Knit Hyphen Vego Shadybrook to Russell Inskeep for $500.

Other buyers were Linton Hall Military School, Dr. John Aldred, Gene G. Barrett, Clayton Trumbo, Charles J. Long, Jr., David Hoff & Son, Kincheloe and Michael, James T. Shank, John M. Musselman, and Joe Kincheloe.

The sale committee has plans to hold their second invitational sale on November 2, again at Mr. H. J. Wilson's sale pavilion in Catlett.

• The Lester M. Jacobs Complete Dispersal Sale •

THURSDAY, MARCH 31 12 NOON HANOVER, PA.

LOCATION: One mile north of Hanover, Pa., on Route 94, turn west at Holstein sign, one-half mile to farm.

HEALTH: Herd Accredited and Bang's Certified . . . Calfhood vaccinated . . . Will have Bang's and T. B. test within 30 days of sale . . . Eligible to go anywhere . . . Cows will be checked for pregnancy by Dr. A. W. Patterson.

80 Head Registered Holsteins

HERD ON PASTURE

51 Cows ☆ 12 Bred Heifers ☆ 14 Open Heifers (2-15 mos.) 1 Bull, Service Age ☆ 2 Bull Calves ☆ Several Heifer Calves

INDIVIDUAL RECORDS ON COWS SELLING
2 from 625 to 665 F. — 13 from 512 to 571 F
— 15 from 429 to 496 F —

FRESHENINGS —
22 Fresh from January to April — 7 Due in May and June — 5 Due in July — 19 Due from August to November — 10 Heifers Due in Fall

Average DHIA Butterfat Test for Herd Last Two Months is 4.3%

SPABC Sires Used — 4 Dtrs. of Lauxmont Admiral Lucifer (3 GP and over 500 F) — 8 by Hillmac Sovereign — 5 by Knollwood Double Chieftain — 18 by the "GM" Maternal Brothers, Maplebend Dean King Posch and Wimarjo Pabst Regal Lucifer.

Three dtrs. sell and 22 head are bred to OSBORNDALE IVANHOE (VG-GM)! Many other top sires have daughters selling!

DAIRY EQUIPMENT ALL SELLS — CATALOGS — LUNCH AVAILABLE — SALE IN TENT

LESTER M. JACOBS, Owner
318 Carlisle St., Hanover, Pa.

R. AUSTIN BACKUS, INC.
Sales Managers & Auctioneers

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Phone WO-37231

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ARTIFICIAL BREEDING SERVICE

WATERTOWN, WISCONSIN

THE HOME OF ALL-AMERICANS
AND SIRES OF ALL-AMERICANS

1959 HON. MENTION ALL-AM. AGED BULL

← *Jallcorn Pabst Leader*

Res. Grand champion Bull — 1959 Int. Dairy Show; 1st prize aged bull, Wis. State Fair. Now classified Excellent at 92 points. His offspring showing great promise. He showed in '59 as a 3-yr.-old.

SEMEN NOW AVAILABLE FROM **Maytag Burke Beechwood Fobes** - he is Excellent, has dtrs. to 819 F., sired the Res. A. A. Produce of 1959, an EX. dtr. nominated for All-Am. and his get placed 2nd at the 1959 Int. Dairy Show.

OTHER RECENT ADDITIONS TO STUD —

★ **Schutzholm Roamer Don Darky** (VG-SMT), on his proof increased 458-lb. dams to 481-lbs. F. Son of Pabst Roamer Don from the VG Schutzholm Dictator Dinah.

★ **Arwyn Strathmore George,** his sire, Piper View Strathmore Pabst (VG) with EX. sire and and dam; dam of "George" - Arwyn Comet Lady (VG) Hon. Ment. All-Am. 2-yr. old, 1954 with 1067 F., 4.9% 2X at 5 yrs. and 838 F., 4.6% at 4y3m.

Sires from all popular bloodlines - Proven Sires - Piper dtrs. bring Top Sale Prices.

FROZEN SEMEN AVAILABLE FROM BREEDERS' HERD SIRES FROM THROUGHOUT THE U. S.

Write for complete sire Directory showing all Piper sires
REASONABLE TERMS FOR FROZEN SEMEN - 2-10 vials - $10.00
10 to 50 vials, $5.00 per vial plus shipping charge.

EVERY PIPER SIRE CLASSIFIED EXCELLENT OR VERY GOOD

Longevity

means - - -

Less Replacements Needed
Persistent Production
Type That Wears
More Good Offspring

Our Highest Living Producer

NICOLK MASTER DIS GP
194,000 M 3.8% to date
(Her granddam made 214,903 M)
Springing now at 14y 5m
Has freshened every year starting at 2y0m. We have 6 daughters of Dis and have sold 3 others for dairy purposes.

Home of 100,000 lb. cow families

Nicholas H. Kolk
MAPLE KNOLL FARM
GOSHEN, N. Y.

MICHIGAN (from page 28)

Milan, and he was nominated and elected to succeed himself for three more years. New directors elected were Stuart Hutchins of Rochester and Kermit Carey of Flint.

Other business of the day was a report of activities by Russell Miller, National Fieldman, and compliments to those breeders receiving 100,000 pound certificates. He said that there were 98 awarded last year in Michigan. Mr. Miller also mentioned the fact that because of the increased enrollment of state members, Michigan would have ten delegates to the national convention in Syracuse, New York this year.

In a membership contest, it was announced that Eaton county won percentage wise, but that Shiawassee county won in numerical order. A check was forwarded to each county as a prize.

Before the speaking activities of the afternoon, it was recommended from the floor that Hilton Boynton of New Hampshire be asked to judge the Michigan State Fair Holstein show, and that Jim Lewis of Ohio be asked to judge the State Black and White show. This was referred to the Board of Directors for further action.

Distinguished Speakers

Perhaps no meeting of the Michigan Holstein Breeders' Association can boast of having two nationally known speakers as was the case at this year's session. They were George M. Clemons, secretary-manager of the Holstein-Friesian Association of Canada, and Robert H. Rumler, executive secretary of The Holstein-Friesian Association of America.

Mr. Clemons spoke first and stressed the importance of breed improvement in Holstein cattle. He brought out the amount of good that artificial breeding establishments throughout the country had done for the "just plain dairy farmer," who could use the services of a proven bull instead of just having any old bull on the farm. He spoke at length on other ways of improvement, in testing and culling. Mr. Clemons was well versed on his topic, as he has studied the breeding of Holsteins in many countries of the world, and much of the credit for originating and administrating the progressive breed improvement policies that have contributed to the forward march of Holsteins in Canada, can be given to him.

He was followed by Mr. Rumler, who spoke more about Holsteins on the state and local level. He said that promotional activities should come from the state level, that the extension department of the national Association was to help the state Association, but the responsibility of activities was for the Michigan breeders themselves. Promotion in the state should be by the state; promotional activities in the nation on a national basis.

Mr. Rumler continued that the Holstein business was like a parade, some going out, and others coming in. It was up to the state to bring in new members in this industry, thereby helping the state, the county, and the individual. He said that the fee schedules which are now in effect do not produce sufficient funds to cover costs of promotion on the state level.

The Executive Secretary spoke about the new DHIR program and its approval. He said that records from DHIA testing will be accepted by the national Association.

He urged the state Association and county Clubs to use the theme of the "Diamond Jubilee Year" in their discussions; to promote it, and above all, to attend the Convention.

Mr. Rumler closed with the thought

(Please turn to page 80)

A New GOLD MEDAL Sire

Verpana Farm Rajah 1206220 (VG)

HIS MATERNAL SISTER

VERPANA FARM BLYTHE BURKE
Excellent
8y 365d 2X 17725 3.8% 671

"RAJAH" is home bred and our senior herd sire.

His Proof:

11 Dtrs. (15)			
	14701	3.67%	540
11 Dams (50)			
	12168	3.79%	461
	+2533	—.08%	+79

His Sire:

WEBER HAZELWOOD BURKE RAVEN
Excellent - Gold Medal

His 3 nearest dams:

"RAJAH" sons for sale

Dam: CRESTON RAG APPLE HAZEL (VG)
2½y 365d 3X 16731 3.7% 615
Dam's Dam: DUNLOGGIN MISTRESS JENITA (EX)
3½y 365d 3X 19800 3.7% 729
Sire's Dam: WEBER BURKE CRICKET (EX)
8½y 365d 2X 15327 3.9% 595

Progressive Breeder Award

Certified Vaccinated *Verpana Farms* **Accredited Classified**

SHARON **Route 1** **WISCONSIN**

Owners
DR. & MRS. J. M. A. PAPE

Manager
BOB KUHN

COMPLETE DISPERSAL

OF KANSAS' TOP INSTITUTIONAL HERD OF ALL REGISTERED HOLSTEINS

THE PARSONS STATE HOSPITAL AND TRAINING CENTER

PARSONS, KANSAS – THUR. APRIL – 14

111 HEAD

of registered Holsteins plus baby heifer calves. Selling on the Parsons State Hospital grounds at the northwest edge of Parsons, Kansas, under tent, 11 o'clock.

SOME FACTS CONCERNING THE HERD:

** This herd has been under one management for 40 consecutive years. Chas. Baumgartner is in his 40th year as herdsman at Parsons State Hospital. During this time he has built the ideal herd with suitable type, above average production and maintained a good health program.

** While the herd has not been recently classified it is a herd that should have been - the good cow men will have no trouble in finding many in the higher brackets.

****Recent herd averages up to 12,881 M 458 F. on 49.06 head.**

** The herd is officially calfhood vaccinated with individual certificates on same.

** The herd consists of 49 head in production; 24 head of bred heifers, the bred heifers to calve from April thru July and August. 22 head of heifers from 6 mths. to ready to breed . . . 14 head of calves under 6 mths. and all heifer calves born after Feb. 20 to sale date.

** The junior herd sires: (both selling)
Parsons Esquire Count - born 1-8-56. Son of Carnation Count (Gold Medal).
Parsons Triune Billy De Kol - born 12-11-57. A son of the EX. Meierkord Netherland Triune.

SOME OF THE SIRES REPRESENTED IN THE HERD:

Heersche Carey Perfection (VG-GM) one of Kansas' most popuplar sires. Grandsire of the top selling cow of the breed in the National Convention Sale, Omaha, 1959. He had 14 dtrs. selling and six head are bred to him.

Frasea Butter King Vrouka Romeo - (VG-SMP), maternal brother to Carn. Madcap Butter Boy, their dam the famous Frasea Butter Girl Wayne (pictured below) - EX 1008 F. 13 yrs. He has 5 dtrs. selling and four bred to him.

Dale-Mar Smoky Spice - a Kansas bred bull coming out with a high proof. Noted for good udders and good rumps as well as production. He has 16 dtrs. selling and 2 bred to him. You can buy a get of sire to show from him.

Thonyma Maudlene Pat (SMP) his sires all Gold Medal or SMP - he is doing a real job - 6 dtrs. selling and three bred to him.

Thonyma Ormsby Lad (VG) - son of the All-American "Mose" from a dtr. of the GM "Remus." Several are bred to him.

Parsons Esquire Count (see left) has 7 dtrs. selling and 3 head are bred to him.

Meierkord Netherland Triune (EX) has six daughters selling.

– 5 GRDTRS. SELLING –

FRASEA BUTTER GIRL WAYNE (EX)
12y 365d 3X 26325 3.8% 1008
She is the dam of Frasea Butter King Vrouka Romeo (VG-SMP) who has 5 dtrs. selling and 4 head bred to him. She is also the dam of Carnation Madcap Butter Boy.

HEERSCHE CAREY PERFECTION (VG-GM)
Has plus 70-lb. proof. Daus. to 763 F. 3 years. His dam EX. Sire of the Res. A.-A. Jr. Yrlg. of 1953.

– 14 DTRS. SELLING –

Wherever you live, if you like good Holsteins you will like the ones in this complete dispersal so well you can not afford to miss it. Be there April 14th.

The above are only a few of the good proven sires represented in this dispersal.

Sale at 11:00 Sharp. A. M.
THE STATE OF KANSAS, Owner
Ray Vincent, Sup't. **Chas. Baumgartner, Herd Sup't.**
For Catalog Write
T. HOBART McVAY
SALE MGR.
NICKERSON KANSAS

DARI-KOOL ANNOUNCES NEW PURCHASE PLAN!

NOW YOU CAN OWN THE COOLER THAT'S

PREFERRED 3 TO 1

OVER ANY OTHER BRAND

• NO DOWN PAYMENT

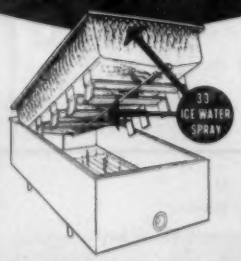
• 4 YEARS TO PAY

• 4% INTEREST

New, low-design 400 gallon Dari-Kool shown above. Also available in sizes from 100 to 1250 gallons.

DARI-KOOL COOLS MILK FASTER THAN ANY OTHER COOLER—

NEVER FREEZES MILK



33° ice-water is pressure-sprayed over all 4 sides and the entire bottom of the milk tank. Milk heat is removed faster than is possible with any other cooler or method.

With Dari-Kool's new Purchase Plan you can have the benefits of owning a Dari-Kool . . . right now . . . with no down payment . . . and 4 years to pay. Let your cooler pay for itself while you use it. The economies effected by bulk handling will more than pay for the cooler in less than 4 years. Mail coupon today.

DAIRY EQUIPMENT CO.
DEPT. 40 MADISON, WISCONSIN

Please send complete information on Dari-Kool's new Purchase Plan.

NAME.....

TOWN..... RFD.....

COUNTY..... STATE.....

MICHIGAN (from page 80)

that Holstein breeders must anticipate every coming event and be ready for it. That people should rearrange their thinking instead of following their own point of view. Today it is "not how many cows can you milk, but what kind."

The meeting then adjourned for the banquet.

Brown Named President

A. N. Brown of Jonesville was elected president of the Michigan Holstein Breeders' Association at a Board of Directors' meeting following the annual meeting of the Association February 1st. He had served as vice-president last year. He replaces George Pardonnet of Corunna, whose term as director had expired.

Wayland Hart of Clayton was elected vice-president and W. H. Goetz of Williamston was re-elected secretary-treasurer.

MOTHER OF QUADS

Mr. and Mrs. Richard Tugend, Mar-Lew Farms, Jeromesville, O. send us their answer to the record claim of William R. Eldredge, Salt Lake City which appeared on Page 35 of our December 26 issue. They feel they may perhaps equal this record with the performance of their cow, Della Pietertje Ormsby Beets 3492488 who dropped her first calf May 14, 1952 at 26 months of age, a pair of mixed twins on May 4, 1953 and a set of quadruplets, three heifers and a bull, on September 8, 1954, followed by a set of twins in 1956. The multiple births shortened the life of this mother to six years, but she made over 400 lbs. butterfat in all of her lactations. Only one of the quads proved to be a breeder and she is in the Mar-Lew herd and making equally as good and better production than her mother did, but so far has limited her reproduction to one calf at a time.

DELLA PIETERTJE ORMSBY BEETS 3492488
With quadruplet calves born in 1954. One is now in production.

Featuring High Production and Good Type

S. R. HANSEL COMPLETE DISPERSAL

SATURDAY, APRIL 2nd HOUTZDALE, PA.

85 Registered Holsteins

30 Cows Sellings — 20 Bred Heifers — 17 Open Heifers
13 Heifers up to 10 Months — 5 Service Age Bulls

LOCATION:
One and one-half miles west of Houtzdale, Pa. (Clearfield County), on Route 53. Houtzdale is 14 miles north of Tyrone, Pa. Take 453 out of Tyrone to 253 to Houtzdale. Twenty miles south of Clearfield, Pa. —follow Route 453 till you come to route 53 then turn left. Look for signs.

HEALTH:
The herd is Bang's Certified, T. B. Accredited and Calfhood Vaccinated. Will be tested within 30 days of sale for Bang's and T. B. Eligible to go anywhere.

Machinery Sale Starts 9:30 a. m.—Cattle Sale 12 noon.
CATALOGS - SALE IN TENT - LUNCH AVAILABLE

Individual Records

These All Selling —

1 With 947 fat 2X
1 With 810 fat, 2X
2 From 715 to 782 fat
2 from 640 to 644 fat
5 from 525 to 579 fat
12 from 430 to 490 fat

1959 HIR LACTATION AVERAGE
15 Recs. 15,887 Milk 3.7% 595 Fat

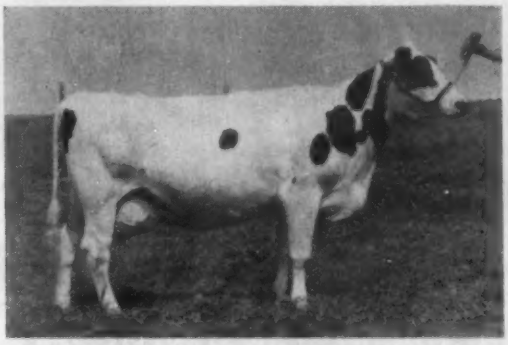
Classification of Females Selling —
3 VG 9 GP (7 at 2 yrs.) 13 G (5 two-yr-olds not class.)

A DTR. AND GRANDSON OF 1214-LB. COW SELL

5-TIME GRAND CHAMPION SELLS WITH DTR.

LILAC OF RICHLAND (VG)
7-9 307d 2X 13,535 Milk 543 Fat
2nd prize aged cow at 1959 Central Pa. B & W Show. Her yrlg. dtr. is by Jess Pabst Leader. A dtr. of G C B Chieftain Major Posch.

THIS 947-LB. VG-88 SELLS WITH A PAT. SISTER, 2 DAUGHTERS & DAUGHTER OF A FULL SISTER



LASSIE CLEM-WALS OF RICHLAND 3 (VG-88)
6-3 365d 2X 23,362 4.1% 947 DHIA
Two other recs. over 600 lbs. fat. A dtr. of G C B Chieftain Major Posch. Due in Aug. to Hansels Hillmac S Cochran.

These All Sell —

Two dtrs. of Lassie (pictured) full sisters by Glenafton Topper — he a double grandson of Marksman from Glenafton Laurel Bonheur (EX), Res. All-Can. with five recs. from 901 to 995 lbs. fat. The oldest sister has 486 fat as a jr. 2-year-old and is due with third calf in Sept. The other is a bred heifer.
Baby Kennerest Pontiac (GP) has 551 fat and is a dtr. of a 1214-lb. cow at 5y, 365d 2X. Due month before sale. Her 2-year-old son by Pabst Sir Roburke Rag Apple sells! Also her yrlg. son by Hansels Sovereign C. Don.

Shady Ridge Challenger Flo (G), dtr. of Mallary Farm Challenger with 4-2 344d 2X 18,333 4.4% 810 HIR. Was fresh in January. Sells with dtr. and granddtr.

Hansels Zeldenrust Rose with 439 lbs. fat at 2-4 in 330ds. She a dtr. of Rosetta Champion King Rosaleen (VG) with 7y 336d 2X 21,136 milk 854 Fat. Rose is by Zeldenrust Master Stroke. Son by Jess Pabst Leader sells.

Daughters of These Bulls Selling

Glenafton Bonheur Topper (7) . . . H S F Lochinvar Hope (3) . . . Pabst Advance Modest (2) . . . Pabst Sir Roburke Rag Apple (2) . . . Pabst Ronmer Oliver (2) . . . Curtiss Candy Invincible (2) . . . Jess Pabst Lender (2) . . . G C B Chieftain Major Posch (2) . . . Zeldenrust Master Stroke . . . Cochran Sovereign Fairbrae . . . Mallary Farm Challenger . . . Pabst Sir Regal Roburke . . . Burke Fobes Abbekerk . . . Pabst Walker Rebright . . . Hays Inspiration . . . Selling Black Magic . . . Roeland Reflection Sovereign.

Hansels Posch Rag Apple Lucy (GP-84), 3y 367d 2X 17,155 milk 715 fat. Sells with yrlg. dtr.

Hartog Hillmac Lyons with 775 lbs. fat at 4 yrs. and 782 lbs. at 6 yrs. in 365 and 335 days respectively. Due in June. Her 2-yr.-old SON, HANSELS HILLMAC S. COCHRAN, SELLS — MANY BRED TO HIM.

Sunrise Farms Dawn Burke (VG) 6y 305d 2X 17,599 milk 640 fat.

Hansels Roburke Chieftain Star (GP) 3-2 363d 2X 17,715 milk 644 fat. Due in April.

Kennerest Bonheur Colantha with 360 fat at 2 yrs. She is by Glenafton Topper and out of Segis Lauxmont Colantha with 19,399 M 717 F in 279 days.

FULL LINE OF FARM MACHINERY SELLS!

S. R. HANSEL Owner HOUTZDALE, PA.

R. AUSTIN BACKUS, INC.
Sales Managers & Auctioneers
Mexico (Phone WO-37231) N. Y.

New Hampshire State Sale Avg. $580

CATALOG SUMMARY

36 Females 2y & over (4 calves under 3 mos. s.w.d.	$22,530	$625.83
1 Open Yearling	600	600.00
5 Heifer Calves Over 3 mos.	1,225	245.00
3 Bulls over 3 mos.	1,260	420.00
45	$26,135	$580.78

January 20 marked the successful 3rd New Hampshire State Sale at Durham, N. H. The total of 26,135 was reached with the highly respectable average of $580.77 on 45 head.

The top price of $860 was established by Charles C. Leonard, W. Bridgewater, Mass., for Ridgley Helbon Fay 4092249 (GP), daughter of Amcana Helbon (GP-SMP) from Ridgely M. Fanny (VG-89).

Evans Barrett, Keene, N. H., purchased Lufkin Farm Dutchland Pride, a Zeldenrust Concentrate (VG-87) daughter for $850 from Lemax Farm, North Hartland, Vt., consignors.

Mallary Farm, Bradford, Vt. was purchaser of Kay-Ben May Soldene 4100412 (VG-87) consigned by Mr. and Mrs. Alton H. Benson, Gorham, Maine.

Twenty-one head sold for $600 or more. The State of Rhode Island Institutional Farms, Howard, R. I. were the largest purchasers, taking a total of twelve animals.

The sales committee consisted of Raymond Sprague, Hillsboro, Chairman; Kenneth Fowler, Durham; T. J. Frizzel, Charlestown, N. H., and the manager was W. A. Baker, Exeter, N. H.

Buyers:

Charles C. Leonard, W. Bridgewater, Mass.
Ridgely Helbon Fay (9-55) $860
(Ridgely Farms, Stone Ridge, N. Y.)
Hoods Cherry Hill E D Dore (5-54) 590
(Hoods Cherry Hill Farm, Beverly, Mass.)

Evans H. Barrett, Keene, N. H.
Lufkin Farm Dutchland Pride (9-57) 850
(Lemax Farm, North Hartland, Vt.)

Mallary Farm, Bradford, Vt.
Kay-Ben May Soldene (4-55) 820
(Mr. & Mrs. Alton H. Benson, Gorham, Maine)

Hillside Farms Dairy, Inc., Cranston, R. I.
Ridgely Felice (5-57) 760
(Ridgely Farms, Stone Ridge, N. Y.)
Tyler Farms Sunbeam Diana (9-57) 670
(Tyler Farms, W. Newbury, Vt.)
Abbott Farm Ormsby Felicity (1-58) 560
(E. Warren Skelton, Bellows Falls, Vt.)

Fred W. Augur, Northford, Conn.
Gould Fobes Walker (11-56) 730
(Bryce A. Metcalf, E. Corinth, Vt.)
Stanwell Dawn Peanut Penny (8-57) 650
(Juniper Farm, Canterbury, N. H.)

Russell & Joyce Peterson, Woodbury, Conn.
Tops Commander Spot Girl (2-56) 710
(Toplands Farm, Roxbury, Conn.)

Caspar P. Zimmerman, Leyden, Mass.
U N H Tidy Togus Emerald (11-57) 700
U N H Tidy Togus Electa (12-57) 690
(University of New Hampshire, Durham, N. H.)

Charles Augur, Northford, Conn.
Lachut Burke Edna (8-57) 700
(Ervin R. Lachut, Hillsboro, N. H.)

State of Rhode Island Institutional Farms, Howard, R. I.
Shaker Hill Crete Plebe (6-57) ... 680
Shaker Hill Broad Rock Segis (3-57) 660
(Notre Dame Institute, Alfred, Me.)
Mallary Keepsake Karla (9-55) ... 650
(Mallary Farm, Bradford, Vt.)
Howacres Supreme Della (9-55) .. 610
(James K. Howe & Son, Tunbridge, Vt.)
Riverbrook Countess (12-55) 570
(Donmac Farms, Derry, N. H.)
Wild Rose Gracious Lindy, Esq. .. 560
(Sidney P. White, Wild Rose Farm, Andover, Mass.)
Fayne Prilly Della (10-56) 550
(Silvester H. Howe, Tunbridge, Vt.)
Rockco Squire Elsie (Twin 8-57) . 550
(Leslie Leon Gile, Rochester, N. H.)
D H Mistake Katrinka Real (11-57) 540
(Devoll Homestead Bellows Falls, Vt.)
Kay-Ben Dunloggin Cora (12-56) . 530
Mr. & Mrs. Alton H. Benson, Gorham, Me.)
Charmingfare Inka Helena (4-55) 530
(Gilbert H. Hood, Jr., Derry, N. H.)
McCarter Mutual Burke (7-54) ... 530
(Mary Allen, Epping, N. H.)

Ridgely Farms, Stone Ridge, N. Y.
Ridgely Schoolmaster Dora (7-58) 660
(Midridge Farm, Raymond Sprague, Hillsboro, N. H.)

Robert R. Cote, Manchester, N. H.
Rockco Sogoch Deborah (9-56) ... 660
(Mary F. Allen, Epping, N. H.)
Myra Theofarms Knollwood (3-53) 610
(Evans H. Barrett, Keene, N. H.)
Howacres Posch Pearl Lass (2-54) 580
(Blodgett Farm, Bradford, Vt.)
Walhowdon Sir Ormsby Fern (10-53) 550
(Wallace Patch & Sons, Lebanon, N. H.)

Willis A. Spaulding, Hollis, N. H.
Tops Commander Pride Monogram (5-57) 610
(Toplands Farm, Roxbury, Conn.)

Great Brook Farm, Carlisle, Mass.
Midridge Lass Juliette (2-55) 600
(Midridge Farm, Raymond Sprague, Hillsboro, N. H.)

Mary Allen, Epping, N. H.
(M) Woodbourne R King (2-59) .. 600
(J. N. Earnshaw, Woodbourne, Dimock, Pa.)

Charles L. Bailey, N. Charlestown, N. H.
Rockco Squire Emma (8-57) 560
(Rockingham County Home, Epping, N. H.)

Carter & Stackpole, Newport, Me.
Hood Kroft Tidy K Joan (11-57) 550
(Gilbert H. Hood, Jr., Derry, N. H.)

Charles Brady, Newmarket, N. H.
Braeholm Tradition Kate (12-54) 530
(Sidney P. White, Wild Rose Farm Andover, Mass.)

Fred T. Smith, Claremont, N. H.
Hansgaard Conqueror Valentine (2-56) 520
(H. E. Fowler & Sons, Rochester, N. H.)

Perley Chappell, Milford, N. H.
Pietje Montvic Hazel (9-54) 510
(New Hampshire State Prison Farm, Concord, N. H.)

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No C.O.D.'s Please

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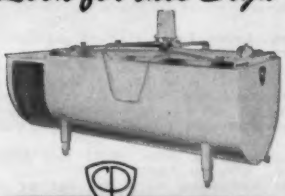

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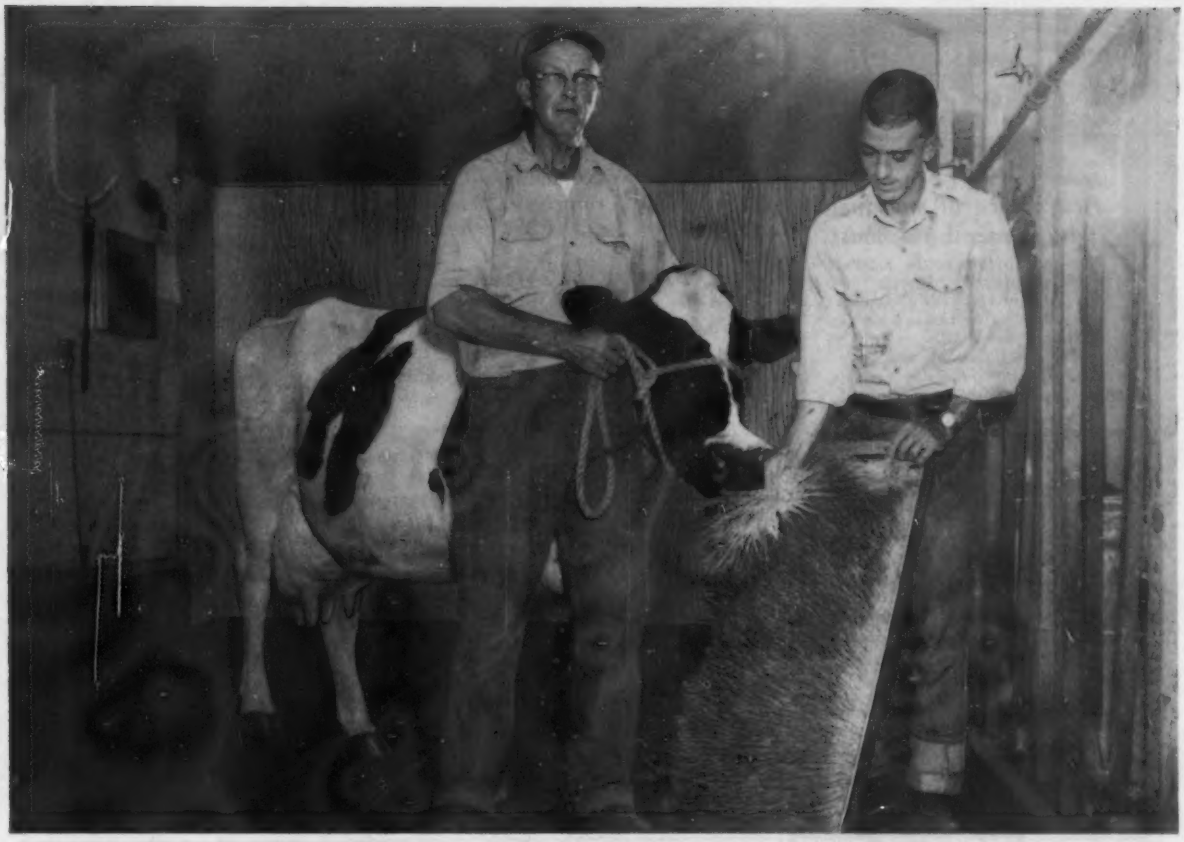
Temperature Control Aids Milk Flavor—Proper temperature control can eliminate the rancid flavor in milk resulting from cooling in bulk tanks, Oklahoma Experimental Station tests show. A study was made on 25 farms using bulk tank operations. On seven farms where the average holding temperature was 32 to 34 degrees F., five delivered milk that was always rancid during the 16-day study. On 10 farms where the average holding temperature was 34 to 36 degrees, two farms delivered milk that was always rancid. When the temperature was adjusted to 36 to 40 degrees, the rancid flavor problem disappeared. In trials on the University dairy farm, the rancid condition was produced and eliminated at will by lowering and raising the temperature. —USDA



Q: WHY DID YOU ORDER A 2nd BUCKEYE GRASS INCUBATOR?
A: FIRST ONE MADE US A 25% INCREASE IN PRODUCTION!

These are the actual words of E. O. Lambert, Jr. and D. F. Sells, owners of Circle D & E Farms, Malta, Ohio. They go on to say, "We know it is the real answer to insure more even milk production, higher production and at the same time cut feed costs with a healthier herd. Our D.H.I.A. records show the first Buckeye Incubator made a 25% increase in production. If our second Grass Incubator proves as helpful as the first, we couldn't ask for anything better."

Another dairyman, James Bagwell of Alpharetta, Ga. says, "After we started feeding the grass, we began having an increase from 180-185 to over 200 gallons a day and I feel that this is remarkable because we have had terrible weather, either freezing, raining, or both when we could have expected to lose a lot in production. I told you that I wanted to buy another and it is a great pleasure to tell you that I am now in a position to make that purchase. Please enter my order for another 120 tray unit."

The Buckeye distributor in your area will be glad to give you the facts. Call him or write us for more information today.

Send for actual Farm Incubator Report

GRASS INCUBATOR DIVISION
Buckeye Incubator Company
Springfield, Ohio · Fresno, California
Dept. HFW

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REX WHEAT GERM OIL

saved thousands "slow" breeding cows from butcher. Losses from slow breeders are often the difference between success and failure.

A University Experiment with 160 cows, 80 getting Rex Oil, 80 controls, PROVES cows getting Rex Wheat Germ Oil need less services for settling, than control cows without oil.

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9 Years' University Experiments, 500 Persons PROVE VioBin Oil helps heart action — increases endurance.

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REX OIL Monticello, Illinois.

People - - -

O. F. Foster, manager of Lakefield Farms, Clarkston, and Michigan dairyman and livestock farmer for 45 years, has been named Michigan's Dairyman of the Year. At the annual all-breeds dairy banquet, February 1, at Farmers' Week he was presented the dairy production award.

Dr. Charles A. Lassiter, head of the dairy department, read the citation which recognized Mr. Foster for his outstanding success in developing the Lakefield Holsteins, sheep and swine and his unselfish devotion to his family and his many other activities.

The honored dairyman has been active in local, state and national Holstein groups, the Michigan sheep and swine breeders groups, the Farm Bureau, Masonic lodge, Methodist church and as a 4-H Club leader.

A graduate of the University of Illinois in 1914, Mr. Foster came to Michigan soon after completing college and has managed large farm operations in Michigan since that time.

Members of the dairy department staff at Michigan State University annually select an outstanding Michigan dairyman for this award.

Duane R. Fisher, Holstein breeder from Fort Collins, has been named Colorado's Outstanding Young Farmer of 1959 by the Colorado Junior Chamber of Commerce. Among a long list of accomplishments, Fisher's herd was Colorado's highest for milk and third highest for fat for the year with an average of 13,700 lbs. milk, 3.7%, 510 lbs. fat. Duane is President of the Northern Colorado Holstein Breeders' Assn. and a member of the Board of Directors of the State Holstein organization, in addition to offices held in numerous other agricultural and civic enterprises.

Duane credits the winning of the honor to his Holstein herd. His enthusiasm and belief in the dairy industry has been an incentive for all of us. We of the Holstein-Friesian Assn. of Colorado are proud that he has won such an honor.

—Mrs. Floyd Adler, News Reporter

GEORGE F. MEYER HONORED FOR AID TO BLIND AT TWO CEREMONIES

Sussex County dairyman, George F. Meyer, owner of Meyerlea Farm, Lafayette, N. J. was recently honored by receiving two awards in recognition of his distinguished service on behalf of the blind, not only in New Jersey but throughout the nation.

Mr. Meyer, who is executive director of the New Jersey Commission for the Blind, received the Migel Medal, the highest award of the American Foundation for the Blind, at a ceremony in New York. Presentation of the medal was made by Mrs. Helen Meyner, wife of the Governor of New Jersey. The Migel medals have been awarded annually, since 1937, by the foundation to those who have given outstanding service to the blind.

The second award given to Meyer was the service award of the New Jersey Foundation for the Blind, at a dinner in the Hotel Douglas in Newark.

Mr. Meyer, who lost his sight in early childhood, has devoted his career to teaching the blind. He has held his position as executive director since 1937. The New Jersey plan

(Please turn to page 86)

ORMSBY VISTA PEAKS VICTOR 13202739
Pictured with Duane Fisher, Colorado's Outstanding Young Farmer of 1959. This Fisher herd sire is owned by Duane with Lawrence Sloan, Berthoud, Colo. As a 2-year-old in 1959 he was never defeated in class and he was Grand Champion Bull at the Wyoming State Fair.

RIVERCREST FARMS DISPERSAL SALE

11 A. M. - SATURDAY

APRIL 2

COLUMBIA N. J.

12 DTRS. SELLING

CARNATION DREAM BOY
1077 F., 4.1% son of Carnation Homestead Revelation (EX-GM). Many cows bred to him.

80 REGISTERED HOLSTEINS **80**

COWS — HEIFERS — CALVES

8 BULLS — from 11 to 14 months of age

LOCATION OF FARM: About 35 miles south of Sussex, N. J., just off Route 94 at Columbia, N. J.; 94 is the main highway leading from Sussex to Belvidere, N. J., and connects with N. J. 46 just outside of Belvidere and with Pa. 611 at the New Delaware Water Gap Bridge. From New York State take N. Y. Thruway and get off onto Routes 6 and 17, go west till you come to 84, turn south on 84 till you come to 94 at Sussex. Watch for arrows and flags about one mile from Columbia, N. J.

HERD IS BANG'S CERT. - T. B .ACCRED. - CALFHOOD VACC.
Tested within 30 days for Bang's and T. B.

DAUGHTERS SELLING:

Montvic R. A. Emperor Johanna
Pabst Regal
Harden Farm Dean Twelve
Dun. Lochinvar Woodmaster
Osborndale Ty Vic Leader
Browns Master Anthony
Pabst Jess Regal
Winterthur Fobes Posch Zenith
Osborndale Gay Sir Oliver
Willmill Dean Honey Boy
Smithland Supreme Champion
Sovereign Cochran
Pabst Sir Roburke Rag Apple
Forsgate Montvic Sovereign
Glenelg Montvic Sovereign
Curtiss Superb Curtiss

Sale will be held in tent and lunch will be available at the farm. Catalogs at ringside or by mail upon request to sale manager . . . Terms Cash.

FRED BROTHERTON, Owner
COLUMBIA, RFD, N. J.
Hobert Roberts, Pedigree reader
Kenneth Parr, Clerk

WILLIAM PARR,
Sale Manager and Auctioneer
27 Hillside Terrace
NEWTON, N. J.
Phone DuPont 3-4870

Our Herd is Built on "ARAB" Blood

QUEEN (VG-89)
5-3 365 2X 27,707 4.0% 1114

Winterthur Victor Select Arab (VG-GM)

The Only (GM) Sire of the Breed in the U. S. with:

3 Daughters over 1100 lbs. of Fat

5 Daughters over 1000 lbs. of Fat

4 of the 5 1000 lb. Daughters are in our Herd

AMY (VG-87)
6-8 365 2X 27,200 3.8% 1038

Her Records Average
26,914 lbs. milk 942 lbs. fat
Actual Production on 2X

CAMILLA (GP)
8-0 365 2X 30,660 3.6% 1095

PIEBE (VG-87)
3-8 365 2X 29,583 3.8% 1110.1

Howard Sisson — **SHERBURNE, NEW YORK**

TRUNLAN FARM FOR SALE

Trunlan's 650 acres together with its great herd of 164 head of fine high producing Holstein-Friesian cattle is for sale.

This beautiful farm is located at Millerton, Duchess County, N. Y. and includes 4 houses, 5 large barns, 4 tile silos, farm machinery and crops. All modern and in excellent condition.

This is a real Holstein breeding operation.

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300 top cows to pick from at all times! Young dairy cows and first calf heifers of foundation quality. Trailer and carload shipments our specialty. Carload and truckload lots always available, accredited, with interstate health charts furnished. Write us or telephone right away for details. Arrangements for delivery made anywhere in United States. If arriving by plane, our fieldmen will meet you at Philadelphia International Airport. Please call ahead, giving arrival time and flight number. Hotel accommodation available.

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PEDIGREE DEPARTMENT
THE HOLSTEIN-FRIESIAN ASSOCIATION OF CANADA
BRANTFORD, ONTARIO, CANADA

PEOPLE (from page 84)

for educating blind children, a product of his administration, has been made a model for other states. He holds office in a number of national societies and agencies:

In addition to his interest in the blind, Mr. Meyer has a great interest in the dairy business. He has on his farm one of the good Holstein herds of the state with approximately 50 head of milking cows. — "The Moos" December '59.

Dr. Lynn Brown has been appointed Extension Dairyman in the Department of Animal Industries at The University of Connecticut. He assumed his duties on January 4. Dr. Brown was born and reared on an Iowa dairy farm and participated for eight years in 4-H dairy work. He attended Iowa State College and received his B.S. in 1950. He taught in the veterans agricultural program for one year, and then spent two years in the Army. He then was a vocational agricultural teacher for two years, previous to initiating his graduate work. He completed his Ph.D. Degree in June of this year and since that time has been in charge of the Dairy Nutrition Laboratory at Iowa State. His major in graduate school has been dairy nutrition and management and his research has been primarily on the cause and prevention of bloat. He has also done research on milk replacers in calf feeding.

CURTISS HONORS WINNING HERDSMEN

Winning herdsman of each of the dairy breeds at the 1959 International Dairy Show, Chicago, Illinois, received silver awards from the Curtiss Improved Stud Service of Cary, Ill.

The winners were: Dwight Knipp, Jon-El Farm, Lindsey, Ohio — Ayrshires; Nelson McCammon, Norvic Farms, Lake Mills, Wis. — Brown Swiss; Lewis Porter, Rolling Acres Farms, Elgin, Ill. — Guernseys; Keith A. Jarvis, Chambric Farm, Rockford, Ill. — Holsteins; Eugene Folck, Folck Jersey Farms, Springfield, Ohio —Jerseys; and Scot A. Traynor, Milton Jct., Wis. — Milking Shorthorns.

All of the herdsmen competed. The winners were chosen by a committee, on expertness in fitting and showing, cleanliness and neatness of stalls and exhibit, promptness in the judging ring and courtesy throughout the week.

DRINK MORE MILK

We Have Developed **25 Cows Over 100,000 lbs. M.**

— ALL OF THEM HOME - BRED —

Our Last Herd Average 58.4 Head —

12,063 M - 3.9% - 473.0 B.F.

CLASSIFICATION

7 VG = 44 GP = 14 Good

ROCK VALLEY BURKE BEAUTIFUL (VG)

We've been on continuous testing program since 1920 and the former National 2X Champion, Rock Valley Burke Beautiful, pictured left, was developed here, her record — 1145.9 F. - 4.3% - 26,673 M. - 365ds.

Her sire, Pabst Burke Cascader, first of a series of Pabst bred sires we have used.

Now one of our oldest daughters of Pabst Walkro, Rock Valley Canary Fobes, has just been reported with the following:

5y 0m 344d 2X 17,502M 4.3% 747 F.

Her dam is a daughter of Rock Valley Burke Colonel, SMP sire developed here (¾ brother to "Beautiful") and the next dam is one of the 100,000-lb. dtrs. of Pabst Sir Belmont Prince.

Sons of "Walkro" available and of "Dick" full brother to "Colonel."

Breeding Stock For Sale At All Times

ROCK COUNTY FARM

A. G. STEINBORN, Supt. **R. D. 2 Janesville, Wis.** A. A. JACKA, Herdsman

Efficient PRODUCTION Show Type

Our Herd Certified and Accredited Vaccinated Classified and Analyzed aAa

Our Last Herd Classification 66 Head — 3 EX — 17 VG 38 GP — 8 G

- - - -

Our Herd Sires -

Osborndale Andrea Ormsby Fobes is our 912-lb. son of the Excellent, $21,000 Sir Bess Ormsby Burke Fobes. Some of his nice sons available from high 2X record dams (classified and analysed). Also sons of Ruby Acres Leader Heman — our "Leader" son from our EX. Maytag Ormsby Fobes Hedda . . . . Write or come and see them.

OUR PRODUCTION

Just Reported

45 Lactations -

14,055 M - 3.8% - 530 F.

This Follows Our Previous Average of 521 F 3.8% 13,615 M.

RUBY ACRES Elkhorn, Wis.

FLOYD PECK, Manager A Progressive Breeder Herd S. D. RUBY, Owner

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FRESNO-SOUTH SAN JOAQUIN SALE

Catalog Summary

5 Females		
2 Yrs. & Over	$1,855	$371.00
(1 calf under 3 mos. s.w.d.)	110	110.00
4 Bred Yearlings	1,595	398.75
8 Open Yearlings	2,020	252.50
12 Heifer Calves over 3 mos.	2,880	240.00
20 Bulls over 3 mos.	6,515	325.75
49	$14,975	$305.61

Twenty-nine young females and twenty bulls were sold Nov. 28 at Tulare, California, in the second annual sale sponsored by the Holstein breeders of Fresno and South San Joaquin Counties. The sale chairman was Levi Hubble, Tulare; auctioneers were Louis Borges and Hoke Evetts; L. H. McDaniel read pedigrees. Prior to the sale a judging contest for 4-H and FFA members was held.

Alvin J. Quist, Fresno, supplied the top animal in Conquistador Wayne Pride, a bred heifer by Verboon Burke Wayne and from a 600-lb. dam. She was bred to Lavacres Ideal Signet and was purchased at $675 by Andrew Hop, Jr., Artesia.

Bulls consigned by Maurice Ketscher, Reedley, and Taylaker Ranch, Visalia, each brought $500.

Buyers purchasing animals at $500 and over follow:

Andrew Hop, Jr., Artesia
Conquistador Wayne Pride (12-57) $675
(Alvin J. Quist, Fresno)
James Williams, Rowley, Visalia
Yokohl Hello Comedy (8-57) 525
(James H. Reed, Fresno)
Manuel Faria & Son, Tipton (2)
(M) Sky Pilot Jo Burke Ideal (4-58) 500
(Maurice Ketscher, Reedley)
Clark & Tognl, Soledad
(M) Taylaker Burke (8-58) 500
(Taylaker Ranch, Visalia)

1959 Meat Output Up 7 Percent—The Crop Reporting Board now reports that a total of 26,051 million pounds of red meat were produced in commercial slaughter plants during 1959, up 7 per cent from 1958. December red meat production is reported at 2,433 million pounds, 12 per cent above December 1958, and 8 per cent above November 1959. Of the total volume of red meat produced last year, 13,245 million pounds were beef, up 2 per cent from 1958, 943 million were veal, down 15 per-per cent; 11,131 million pounds were pork, up 16 per cent; and 732 million pounds mutton and lamb, up 9 per cent from the previous year. Lard production in 1959, at 2,610 million pounds, was 16 per cent above a year earlier. In addition, poultry meat output in December 1959 totaled 456 million pounds ready-to-cook basis, down 14 percent from December 1958, and 25 per cent below November 1959.—USDA

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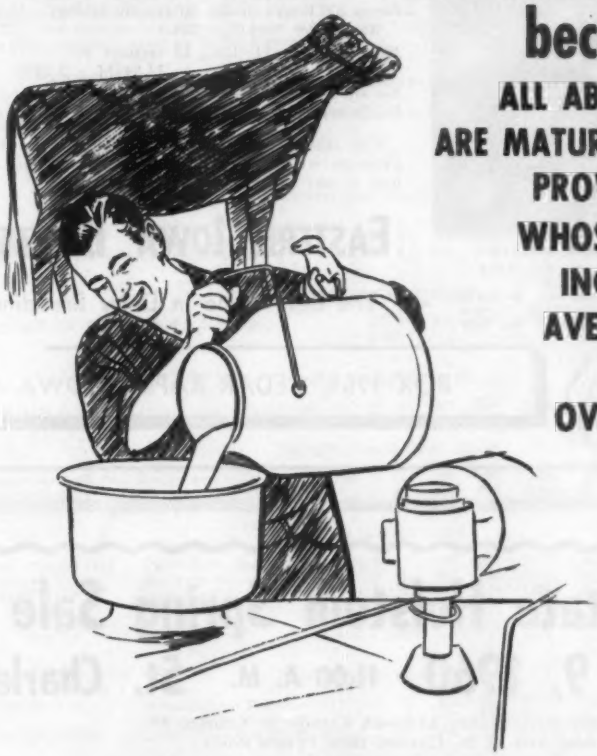

ALL ABS BULLS ARE MATURE, HIGH-INDEX PROVED SIRES WHOSE DAUGHTERS INCREASED IN AVERAGE MILK PRODUCTION OVER THEIR DAMS

CHECK THE *OFFICIAL* RECORD YOURSELF

Daughter-Dam Comparison
Composite Proof and Average Index
305 day, 2X, ME Basis, Dec. 1, 1959 — Holstein

Breed	3477 Records of Dams — Avg.	1546 Records of Daughters — Avg.	Difference Dtrs. over Dams
Holstein	13,818 M.	15,471 M.	+1,653 M.

All records are on unselected daughters under normal farm conditions.
Choice of Sires in Six Dairy Breeds and Seven Beef Breeds

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RESULTS THAT COUNT

HAWKEYE ORMSBY BUBBLES ADA 4621913
Hon. Ment. A. A. Sr. Yrlg - Jr. Division.
Congratulations to Ronald Chapman Jr., Ruthven, Iowa for showing this cow to her recognition.

H-70 Weber Burke Bubbles Sensation

- Sired Hon. Mention All-Am. Sr. Yrlg. Junior Division
- Sired 1st place cow on 1958 Honor List - Weber Sensation Burke Zella - AR 4-3 305d 2X 19,456M 3.7% 712 F.

He is SMT sire under automatic ratings - 15 Cl. dtrs. ave. 82.6 104.3% BAA

HIR proven - 11 dtrs., 13 records ave. 14,345M 3.74% 537 F.

By an EX.-GM sire and from an EX. inbred dtr. of Burke with 1 Gold and 1 Silver Medal Type son.

If this kind of results will fit in your breeding program write for further information - special matings to our Gold and Silver Medal sires.

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Saturday — April 9, 1960 11:00 A. M. St. Charles, Ill.

Sale at Fox River Valley Livestock Center, St. Charles, Ill.
(1 mile west of St. Charles, then ½ mile south.)

50 Registered Holsteins Bred To Be Good

Including an 87 "Very Good" that will be just fresh.

Consigned are 6 Pabst Sir Roburke Rag Apple daughters, one with 526 Fat as a Sr. Yearling due soon after the sale. Also a son of an 888 lb. Roburke daughter.

5 daughters of Anthony Rockwood Rocket from dams with records up to 678 lbs. Fat as 3-yr-olds.

Also consigned is a son of Zurbridge Admiral Burke from a "Very Good" cow with a lifetime of 160,850 milk and 6010 lbs. fat, all 2X — a solid 700 lb. 2X pedigree.

There are 28 young cows and heifers just fresh or due soon after the sale and they include a choice group of first calf heifers with pedigrees that promise real producing cows.

3 Senior calves especially selected with Junior members in mind.

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ADVANCED REGISTRY REPORTS

Holstein-Friesian Association of America

February - 1960

ADVANCED REGISTRY LACTATIONS

Of the 131 records processed for this report, 45 met Honor List requirements. Of the Honor List records listed below, 22 were made in Classification 2X and 23 in Classification 3X; 16 were in the Ten-Months Division and 29 in the Yearly Division. State Leaders are reported for Arizona, California, New Hampshire and Pennsylvania and a National Leader for fat for Pennsylvania.

TEN-MONTHS DIVISION

Milked 2 Times Daily

Cow	Sire	Age Y.	Age M.	L. of R.	Car. Calf	Milk	%	Fat	Owner
JUNIOR TWO-YEAR CLASS									
Mooseheart Superb May 4341909 (GP)	Mooseheart Roburke Superb	2	4	305	178	12072	4.7	567	Mooseheart, Mooseheart, Ill.
Exranco Ideal Hazel 4256225 (GP)	Wis Ideal Concentrate	2	4	305	206	12634	3.9	497	Excelsior Farms, Corona, Calif.
Mooseheart Supreme Creamelle 4408856 (GP)	Mooseheart Supreme	2	2	305	201	11445	4.2	483	Mooseheart, Mooseheart, Ill.
SENIOR TWO-YEAR CLASS									
U N H Schoolmaster Deborah 4233758 (GP)	U N H Schoolmaster	2	7	305	188	16079	3.8	613	University of New Hampshire, Durham, N. H.
		State Leader							
JUNIOR THREE-YEAR CLASS									
Golden Oaks Inka Roamer 4093230 (GP)	Pabst Roamer Pride Jess	3	0	305	194	15360	4.1	624	Golden Oaks Farms, Wauconda, Ill.
SENIOR THREE-YEAR CLASS									
Man-O-War B F Bubbles Helen 4039867 (VG)	Weber Admiral Burke Segis Lad	3	11	305	207	16289	3.8	625	Dr. Herbert Lothe, Bristol, Wis.
Du Page River Gay Jewel 3989651 (GP)	Hickory Creek Gay Boy	3	10	301	203	13395	4.2	563	Golden Oaks Farms, Wauconda, Ill.
FULL-AGED COWS									
Weber Sensation Burke Zella 3737922 (VG)	Weber Burke Bubbles Sensation	5	3	305	221	18702	3.7	699	Dr. Herbert Lothe, Bristol, Wis.
West-Villa Hello Dorthy 3463673	Sherwood Acres Hello Comet	7	9	305	180	18612	3.8	699	Beckman Brothers, Genoa City, Wis.
Golden Oaks Pride Burke 3776719 (G)	Pabst Roamer Pride Jess	5	0	305	224	14509	4.3	619	Golden Oaks Farms, Wauconda, Ill.

Milked 3 Times Daily

Cow	Sire	Age Y.	Age M.	L. of R.	Car. Calf	Milk	%	Fat	Owner
JUNIOR TWO-YEAR CLASS									
Skokie Golden Geraldine 4291081 (GP)	Skokie Golden Prince	2	2	305	185	17443	3.8	659	Elmwood Farms, Lake Forest, Ill.
Wis Sublime 4250861 (VG)	Wisconsin Masterpiece	2	2	305	168	19181	3.4	643	Wisconsin State Reformatory, Green Bay, Wis.
Zimmerman Panstar Par Midge 4648407	Zimmerman Star Pansy Ideal	1	11	305	170	14579	4.1	596	Lewis A. Zimmerman, Lehighton, Pa.
JUNIOR FOUR-YEAR CLASS									
Wis Illustrious 3883457 (GP)	Wis Ideal	4	4	305	157	17744	3.8	680	Wisconsin State Reformatory, Green Bay, Wis.
FULL-AGED COWS									
Carnation Lola Skylark Madcap 3769604 (VG)	Hallrose Progressor	5	2	305	172	22541	4.3	961	Carnation Milk Farms, Carnation, Wash.
Carnation Lassie Lady Spofford 2866890 (GP)	Carnation Ensign	11	5	305	233	17970	3.9	704	Carnation Milk Farms, Carnation, Wash.

YEARLY DIVISION

Milked 2 Times Daily

Cow	Sire	Age Y.	Age M.	L. of R.	Car. Calf	Milk	%	Fat	Owner
JUNIOR TWO-YEAR CLASS									
Skokie Inka Nancy 4224690 (GP)	Skokie Golden Inka	2	4	365	-	14944	4.1	616	Elmwood Farms, Lake Forest, Ill.
Mooseheart Superb May 4341909 (GP)	Mooseheart Roburke Superb	2	4	346	219	13674	4.8	602	Mooseheart, Mooseheart, Ill.
SENIOR TWO-YEAR CLASS									
Exranco Dinah Burke Tulip 4178690 (GP)	Pacific Slope Burke Dinah	2	9	365	-	19111	4.5	852	Excelsior Farms, Corona, Calif.
		State Leader							
U N H Schoolmaster Deborah 4233758 (GP)	U N H Schoolmaster	2	7	345	226	17330	3.9	668	University of New Hampshire, Durham, N. H.
		State Leader							
Dav-Young La Vern Arizonan 4324229 (GP)	Carnation Arizonan	2	9	365	205	17943	3.7	658	Carnation Milk Farms, Carnation, Wash.
JUNIOR THREE-YEAR CLASS									
Golden Oaks Inka Roamer 4093230 (GP)	Pabst Roamer Pride Jess	3	0	344	233	15938	4.1	651	Golden Oaks Farms, Wauconda, Ill.
SENIOR THREE-YEAR CLASS									
Napstahos Naida Royal De Kol 3974984	Napstahos Royal Regis Pontiac	3	11	365	123	17956	4.1	732	Napa State Hospital, Imola, Calif.
Lyon Brook Queen Mona 4182217 (GP)	Lyon Brook Wallie Queen	3	6	365	182	17892	3.7	663	Archie Meek, Norwich, N. Y.
Man-O-War B F Bubbles Helen 4039867 (VG)	Weber Admiral Burke Segis Lad	3	11	347	249	16955	3.9	661	Dr. Herbert Lothe, Bristol, Wis.

Cow	Sire	Age Y.	M.	L. of R.	Car. Calf	Milk	%	Fat	Owner
FULL-AGED COWS									
Napstahos Edith Duke Parthenea 2967756	Napstahos Duke Gettie De Kol	10	6	365	-	20596	4.2	862	Napa State Hospital, Imola, Calif.
Weber Sensation Burke Zella 3737922 (VG)	Weber Burke Bubbles Sensation	5	3	325	241	19192	3.8	724	Dr. Herbert Lothe, Bristol, Wis.
West-Villa Heilo Dorthy 3463673	Sherwood Acres Heilo Comet	7	9	317	192	18804	3.8	707	Beckman Brothers, Genoa City, Wis.
Milked 3 Times Daily									
JUNIOR TWO-YEAR CLASS									
Zimmerman Royal Star Peony 4648405	Zimmerman Prince Star Royalist	2	0	365	205	23402	3.9	916	Lewis A. Zimmerman, Lehighton, Pa.
Zimmerman Royal Panstar Pearl 4648406	Zimmerman Prince Star Royalist	2	0	365	205	18228	4.2	768	Lewis A. Zimmerman, Lehighton, Pa.
Zimmerman Pilot Panstar Prilly 4685555	Zimmerman Alstar Pilot	2	0	358	-	20379	3.7	755	Lewis A. Zimmerman, Lehighton, Pa.
Wis Sublime 4250861 (VG)	Wisconsin Masterpiece	2	2	365	226	21750	3.4	738	Wisconsin State Reformatory, Green Bay,
Skokie Golden Geraldine 4291081 (GP)	Skokie Golden Prince	2	2	337	217	18464	3.8	710	Elmwood Farms, Lake Forest, Ill. Wis.
Zimmerman Panstar Par Midge 4648407	Zimmerman Star Pansy Ideal	1	11	357	222	16086	4.2	671	Lewis A. Zimmerman, Lehighton, Pa.
Zimmerman Pilot Rostar Adine 4685556	Zimmerman Alstar Pilot	1	10	365	213	17487	3.8	662	Lewis A. Zimmerman, Lehighton, Pa.
SENIOR THREE-YEAR CLASS									
Zimmerman Roystar Ideal Dora 4367712	Zimmerman Prince Star Royalist	3	10	355	-	21731	4.2	911	Lewis A. Zimmerman, Lehighton, Pa.
JUNIOR FOUR-YEAR CLASS									
Morsanco Peer Portland 3932281 (GP)	Morsanco Peer Agatha Tony	4	3	334	-	22857	3.5	805	Morningside Hospital, Portland, Oreg.
SENIOR FOUR-YEAR CLASS									
Zimmerman Belstar Royal Seely 4111408	Zimmerman Bell Boy	4	10	365	-	29980	4.2	1248	Lewis A. Zimmerman, Lehighton, Pa.
		State Leader				National Leader			
FULL-AGED COWS									
Kil-Bar Re Aurora 3726805 (EX)	Franlo Roebuck Regent	5	11	359	-	29113	3.8	1116	Cheatham Dairy, Inc., Laveen, Ariz.
		State Leader							
Carnation Lola Skylark Madcap 3769604 (VG)	Hallrose Progressor	5	2	360	227	23863	4.3	1027	Carnation Milk Farms, Carnation, Wash.
Treostis Ville Governor Leta 3925429 (EX)	Carnation Emancipator	6	9	357	210	23931	4.2	1002	Carnation Milk Farms, Carnation, Wash.
Pabst Win Patricia 3504631 (VG)	Pabst Win	6	10	365	-	26682	3.6	973	Pabst Farms, Inc., Oconomowoc, Wis.
Wis Remember 3711791 (VG)	Weber Comro Burke Regent	5	3	365	191	26339	3.7	962	Wisconsin State Reformatory, Green Bay, Wis.
Pabst Regal Cornflower 3504621 (VG)	Pabst Regal	6	6	365	145	22373	4.1	915	Pabst Farms, Inc., Oconomowoc, Wis.
Zimmerman Royal Star Lilly 3424565	Zimmerman Prince Star Royalist	8	10	352	-	22429	3.6	815	Lewis A. Zimmerman, Lehighton, Pa.

LACTATION AVERAGES

	No. Rec.	Avg. Milk	%	Avg. Fat
Agee, R. L., Jr., Farmville, Va.	33	12757	3.8	484
Arcadian Farms, Canyon, Texas	8	13433	3.6	488
Avery, Albert & Esther, West Topsham, Vt.	11	13754	3.6	493
Barney, Joel E., Plymouth, N. H.	25	11558	3.8	441
Barney, L. S. & Joe P. Paty, Elkhorn, Wis.	70	11998	3.7	443
Bates, Alfred G., Port Jervis, N. Y.	43	14086	3.7	523
Beacon Milling Co., Inc., Cayuga, N. Y.	47	16116	3.6	583
Beebe, Mr. & Mrs. Elden, Glendale, Ariz.	9	12229	3.6	438
Blanke, Martin, & Son, Bremen, Kans.	10	15912	3.6	576
Blasius, Anthony, Wellington, Ohio	49	13170	3.7	490
Bothe, H. F., Est. of, Fort Dodge, Iowa	24	14657	3.5	511
Bouic Brothers, Marysville, Ohio	56	12757	4.0	511
Bowman, David E., Orrville, Ohio	9	14243	4.1	578
Brayton Bros., Sheridan, Mich.	17	9422	4.0	373
Bridge, Harry & James, Royal Center, Ind.	20	15100	3.5	530
Burgeson, T. A., Grandview, Mo.	75	16061	3.6	573
Burns, R. T., Louisa, Ky.	12	10503	3.5	368
Chambric Holstein Farms, Rockford, Ill.	29	13954	4.0	557
Charton, Fred A., Bolivar, Ohio	53	13157	3.8	495
Clement, Robert J., Pittsford, Mich.	21	14973	3.6	543
Conlin, Bernard A., Columbus, Wis.	25	16114	3.7	593
Cowles, Yale D., Marietta, N. Y.	5	12147	3.7	451*
Crissinger, Bruce A., Massillon, Ohio	31	12959	3.8	498
Crowe, C. F., Dryden, N. Y.	53	13009	3.6	463
Cummings, J. W., & Sons, Guilford College, N. C.	45	13332	3.6	481
Davis, Arthur G., Genoa, N. Y.	22	14520	3.7	540*
De Long, Charles E., Mexico, N. Y.	27	12279	3.8	470
De Long, Earl V., Mexico, N. Y.	21	14965	3.9	586
Dickinson, C. A., Jr., Slippery Rock, Pa.	33	15842	3.8	597
Dooley, L. B., Nevada, Iowa	35	13497	3.8	509
Douglas County Hospital, Superior, Wis.	44	11637	3.5	405
Dudley, Wm. F., & Sons, West Chester, Ohio	42	10525	3.4	356
Dunne, John R., Hudson, Mich.	16	14577	3.5	517
Durkee, George J. & Frederick, Clifton Springs,	7	13266	3.9	514*
Eads, Seth D., Phoenix, Ariz. N. Y.	30	12241	3.6	438*
Ehlers, Mr. & Mrs. Frank, Chadron, Nebr.	17	12497	3.8	481
Elizondo, Manuel, Hesperia, Mich.	12	12584	3.7	460
Ellingson, E. H., & Son, Poplar Grove, Ill.	36	12719	4.0	506
Emmons, Ansel, Morenci, Mich.	40	15352	3.8	581
Fick, John & William, Freeburg, Mo.	17	13474	3.9	527
Fisher, Duane R., Fort Collins, Colo.	24	14369	3.8	548
Fisher, Robert H., Cazenovia, N. Y.	46	12052	3.9	471
Flower, Herschel, Fairbury, Nebr.	82	11805	3.9	457
Flynn, R. P., & Sons, Blair, Nebr.	86	13672	3.8	514
Frokjer, Clarence, Centuria, Wis.	39	13805	3.8	520
Fye, Robert E., Punxsutawney, Pa.	13	10949	3.4	373
Gangwer, Jesse R., & Son, Durham, N. H.	19	14285	3.9	561
Gitt, Robert E., Littlestown, Pa.	15	13443	3.6	490
Golden Oaks Farms, Wauconda, Ill.	89	13950	3.7	516
Goodrich, C. V., Lone Rock, Wis.	17	14584	3.5	504
Hagenow, Edward C., Westville, Ind.	68	11643	4.1	482
Hanson, Henry O., Alma, Wis.	39	14226	3.5	492
Havens, Gertrude, & Sons, Fremont, Ohio	22	14204	3.5	496
Haynes, Harry G., Manchester, Iowa	22	13976	3.7	517
Heiser, James E., Chadron, Nebr.	26	12190	3.7	453
Henderson-Peterson Farm, Jackson, Mo.	28	8996	3.8	339
Hilliker, Don M. & R. H. Schlumbohm, Jr., De Graff, Ohio	27	14926	3.7	559
Hillside Farms, Inc., Wilkes-Barre, Pa.	54	12611	3.9	488
Hinrichs, Edwin R., Cazenovia, N. Y.	54	15034	3.7	556
Horstmann, John, Breese, Ill.	24	11034	3.8	417
Houchin Bros., Valley Station, Ky.	22	14250	3.8	540
Huntley, T. Llewlyn, South Royalton, Vt.	19	13060	3.7	486*
Hutchins, Stuart J., Rochester, Mich.	19	13234	3.5	463
Johnson, Donald W., & Sons, Avalon, Wis.	28	11593	3.8	443
Jones, Reuben, & Sons, Chillicothe, Ohio	19	13860	3.8	525
Kensil, Wm. V., & Don, Shelbyville, Ill.	25	12596	3.5	439
Klinger, John B. & E. M., Liberty, S. C.	31	11567	3.9	449
LaCrosse County Hospital, West Salem, Wis.	8	16064	3.4	552
Locke, H. Wayne, Lemasters, Pa.	92	11715	3.8	446
London's Dairy Farm, North Street, Mich.	46	11978	3.5	419
Lynn-Belle Farms, Medina, Ohio	36	14042	3.7	514
Magness, Albert H., Bel Air, Md.	20	14569	3.9	564
Mason, John T., Cumberland, Md.	16	11422	3.6	412*
Massengill, John W., Bluff City, Tenn.	31	13531	3.6	493
McCarty's Dairy, Inc., Las Cruces, N. Mex.	45	11793	3.2	374
McDonogh School, McDonogh, Md.	48	11420	3.5	401
Meeker, Ivan, Burnettsville, Ind.	31	15057	3.6	544
Meyer, Alfred E., Amboy, Ill.	42	13648	3.9	534
Mitchell, W. D., Reinbeck, Iowa	29	13598	3.6	487
Mix, Albert L., Osborn, Mo.	12	10518	3.7	392
Moser, John A., Louisville, Ky.	49	12074	3.8	457
Mott, W. H., Herington, Kans.	30	10539	3.9	406
Munn, John D., Jr., Arcanum, Ohio	19	12161	3.6	436
Norton, Clifford, Chandler, Ariz.	300	12777	3.5	442
Nugent, H. Ralph, Bad Axe, Mich.	22	14351	3.8	539
O'Brien, William H., Rawson, Ohio	15	9793	3.5	344
Ohio State University, Columbus, Ohio	17	15339	3.6	555
Oregon State College, Corvallis, Oreg.	39	11971	3.8	450
Ottman, Roy E., Troy, N. Y.	47	15209	3.8	580
Pearce, Alvie P. & LeeLoyd, Visalia, Calif.	54	12280	3.6	437
Peterson, R. G., C. L. & K. A., & Sons, Laramie, Wyo.	9	11323	3.4	383
Phelps, Sam, Jr. & Helen, Walden, N. Y.	34	12933	3.4	438
Phillips, Harold, Janesville, Minn.	40	14300	3.6	516
Pine Row Farm, Lake Orion, Mich.	47	14401	3.6	517
Radford, Howard, & Son, Williamsburg, Ind.	5	13741	3.3	456
Rahl, Philip, Washingtonville, N. Y.	37	14662	3.6	534
Reed, David H., Washington Crossing, Pa.	25	16002	3.9	620
Reiff, Russell G. & H. E., Burnettsville, Ind.	41	13542	3.6	489
Reinkey, John J., Elmwood, Wis.	14	10966	3.6	400
Remsberg, Frank G., Middletown, Md.	65	13290	4.0	538
Renfrow, Everett, Bagley, Iowa	17	15850	3.5	551
Richter, Henry, Union Grove, Wis.	32	13006	3.6	474
Ridgely Farms, Stone Ridge, N. Y.	64	16657	3.8	625
Rigg, Harold Ralph, Bryan, Ohio	27	14590	3.5	514
Rouster, Ellery, Grass Lake, Mich.	19	12239	3.5	434
Sandefur, George, Plainfield, Ind.	16	14054	3.4	484
Sauk County Hospital & Home, Reedsburg, Wis.	34	12272	3.7	451
Schroeder, Lincoln, Rochester, Minn.	32	16856	3.7	622
Schroer, Max R., Bowling Green, Ind.	17	12272	3.5	431
Severe, M. H., Palmyra, Nebr.	39	11872	3.7	438
Shivers Dairy, Carthage, Texas	35	9757	3.5	339
Showers, Lawrence L., Milton, Pa.	7	13193	3.6	477
Smith, J. Geo., Oswego, Ill.	6	16948	3.8	649
Smithson, Byron N., Farmland, Ind.	6	15728	3.4	536
Spring, Elmo D., Galloway, Ohio	48	15436	3.8	581
Sprinkle, Carl A., Sullivan, Ohio	13	12701	3.6	453
Steiner, J. C., Billings, Mont.	45	10729	4.0	432
Stevens, Frank D., Greenville, Mich.	9	15453	3.3	516

	No. Rec.	Avg. Milk	%	Avg. Fat
Thomas, Orin A., & Sons, Inc., Rutland, Vt.	44	15339	3.9	595
Thompson, Russell R., Elroy, Wis.	16	12347	3.6	441
Trempealeau County Hospital, Whitehall, Wis.	64	12256	3.7	452
Turnbow, Horace L., Lubbock, Texas	7	11478	4.0	461
University of Minnesota, Crookston, Minn.	32	12970	3.6	471
Warnick, Charles W., Pleasant Grove, Utah	35	13338	4.0	527
Weber Brothers, Bloomer, Wis.	39	16229	3.8	609
Weller, William A., Lowville, N. Y.	54	13418	3.8	510
West, Oscar, Jr., Hillsboro, Mo.	28	13375	3.4	460
Weyenberg, Bert, Appleton, Wis.	19	14184	3.7	518
White, Sidney P., Andover, Mass.	67	13890	3.7	509
Whitmore, David L. & Robert G. Ripley, Urbana, Ohio	13	13764	4.1	561
Whittier Brothers, West Sutton, Mass.	65	13490	3.8	506*
Wooden, Ernest E., Reisterstown, Md.	19	8980	3.8	344
Worcester State Hospital, Worcester, Mass.	41	12899	3.8	495*
Youngquist, Donald A., Mt. Vernon, Wash.	42	13767	3.7	511
Zimmerly, Melvin R., Bluffton, Ohio	22	12529	3.6	448
Zimmerly, Merlin, Bluffton, Ohio	17	11732	3.7	430
Zimmerman, Lewis A., Lehighton, Pa.	34	17954	3.8	691

*DHIA Acceptance

SILVER MEDAL TYPE SIRES

Upon application

Name of Bull and Owner	Daus. Fresh or 3 Yrs. Old	% Daus. Classified	Avg. Score	Required Score
BROOKSIDE DUNLOGGIN PRINCE 1139676 Lawrence Neis, Juneau, Wis.	18	78	81.6	81
ELM-BECCA SOVEREIGN LAD 1210455 (VG) Elmer B. Stoltzfus, Elverson, Pa.	21	91	82.6	81
JENNITON PABST OLLIE 1182598 (GP) Iowa Breeders Co-op., Des Moines, Iowa	29	89	81.3	81
KINGSTEAD WINTERTHUR PABST 1232296 (VG) Leslie C. King, Clarksburg, Md.	22	95	81.7	81
K PINEHURST ROSE LAD 1250758 (EX) Great Home Farm, Belgium, Wis.	13	85	81.0	81
LAVACRES VAR CHALLENGER 1253140 Lavacre Farms, Hughson, Calif.	10	100	81.7	81
LOS ROBLES ORMSBY SIR PAT 1236850 (VG) Frank Hopkins, Gilroy, Calif.	18	72	82.2	82
MARSHLINE PABST REGAL ROBIN 1176957 Alfred G. Bates, Montague, N. J.	39	85	81.1	81
POESTENKILL MODEL ORMSBY 1216668 (VG) William H. Mears, Ft. Edward, N. Y.	16	81	81.2	81
SCHAFFERLAND BLACK BESS COMET 1065149 W. A. Schaffer, Cannon Falls, Minn.	35	66	82.6	82
SEQUOIA DOUBLE GRAND DUSTY JO 1191720 Sleepy Hollow Certified Milk Co., Petaluma, Calif.	28	79	81.9	81
SEQUOIA JO JO BURKE 1244166 Lavacre Farms, Hughson, Calif.	21	81	82.9	81
SKOKIE GOLDEN STAR 1173577 (VG) Nebraska Artificial Breeders Assn., Fremont, Nebr.	31	65	82.4	82
SLEEPY HOLLOW DUCE RICHARD 1162142 (VG) Sleepy Hollow Certified Milk Co., Petaluma, Calif.	20	95	81.1	81
VERPANA FARM RAJAH 1206220 (VG) Joseph M. A. & Verna Allen Pape, Sharon, Wis.	19	79	81.4	81
WELSH AMOS REGAL BLOOM 1209458 (VG) Job Stoltzfus, Elverson, Pa.	21	86	82.4	81
WIS DYNAMO 1192327 (VG) Wisconsin State Reformatory, Green Bay, Wis.	18	78	82.0	81

Without application (automatic)

Name of Bull and Owner	No. Pairs	Daughters Score	Daughters BAA%	Dams Score	Dams BAA%	Daus. Avg. Required
HICKORY CREEK HI POINT 1204248 (EX) L. W. Churchill, Westmoreland Depot, N. H.	11	83.1	104.8	83.5	104.2	104.1

SILVER MEDAL PRODUCTION SIRE

Name of Bull and Owner	No. Pairs	No. Rec.	Daus. Avg. Milk	Daus. Avg. %	Daus. Avg. Fat	Dams Avg. Fat	Daus. Avg. Required
GRAY VIEW PRINCE EMPEROR 1042670 (VG) Louis G. Hinders, Canyon, Texas	10	16	16468	3.77	621	540	538

GOLD MEDAL SIRES

BROOKSIDE DUNLOGGIN PRINCE 1139676
Lawrence Neis, Juneau, Wis.
SEQUOIA DOUBLE GRAND DUSTY JO 1191720
Sleepy Hollow Certified Milk Co.,
Petaluma, Calif.
SLEEPY HOLLOW DUCE RICHARD 1162142 (VG)
Sleepy Hollow Certified Milk Co.,
Petaluma, Calif.

HERD CLASSIFICATION

Classification summaries are reported on 12 herds. The owner is accorded the privilege of surrendering certificates for cancellation if he wishes. Such animals are not included in the published summary.

Owner	EX	VG	GP	G	F	P	TOTAL
Bell, Lewis S., Interlaken, N. Y.	4	27	46	11	0	0	88
Brown, Ellwood, Hardin, Ky.	0	0	1	10	3	0	14
Cummings, Frank, Sidney, Ohio	1	6	9	1	0	0	17
Dietz, Lewis F., Schuylkill Haven, Pa.	0	0	4	17	4	0	25
Evans, I. Newton, Jr., Chester Springs, Pa.	0	0	20	30	9	0	59
Hedegard, Leo P., Modesto, Calif.	0	10	65	30	1	0	106
Karasek, Rudolph, Camillus, N. Y.	0	8	36	33	1	0	78
Middle Tenn. Exp. Station, Spring Hill, Tenn.	0	7	25	17	4	0	53
Roberts, William F., Jr., Bernville, Pa.	0	2	10	11	1	0	24
Shultz, Lloyd, Pretty Prairie, Kans.	0	3	16	10	4	0	33
Snider, Obie, Imler, Pa.	0	18	28	17	1	0	64
Utah State Industrial School, Ogden, Utah	1	9	21	2	0	0	33

PROGRESSIVE BREEDERS' REGISTRY

Name and Address	No. Years	Animals Registered	No. Fresh	Bred by Owner	Rec.	Lactation Average Milk	Lactation Average Fat	Classif. Score
University of Idaho, Moscow, Idaho	15	46	27	27	24	15268	555	82.4
Foster Walk, Neoga, Ill.	11	53	37	37	29	14592	544	82.9
Mrs. Gladys E. Rearick, Millheim, Pa.	4	34	25	23	16	13662	559	82.3
H. B. Millhauser, Reisterstown, Md.	3	79	53	44	51	15519	583	83.3
Arthur H. Weiner & Son, Columbus, Wis.	3	51	28	26	23	14706	525	81.9

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Mailing Address .....

.....

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The WOLVERINE CLASSIC

14th in the WOLVERINE CLASSIC Annual Series

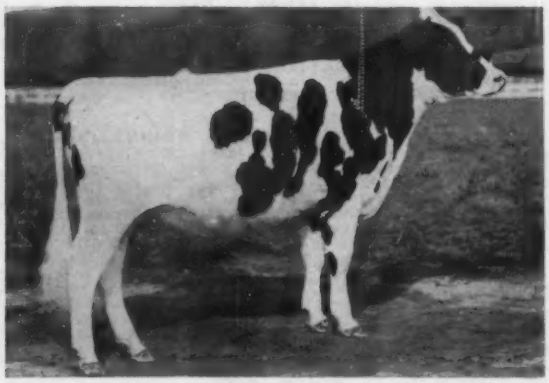
Our 50th Anniversary in Holsteins

MONDAY
APRIL 11th
STARTING AT 10:30 A. M.

In The
Wolverine Purebred Livestock Sales Pavilion
On U. S. 16, just 6½ miles east of Lansing, 2½ miles west of Williamston.
WILLIAMSTON, MICHIGAN

60 Selected Foundation Animals

"As many outstanding individuals as we have ever offered!"



CARNATION SALLY DA ORMS STAR 4610718

Plus 2 "Butter Boy" Heifer Calves

CARNATION SALLY CINDERELLA CIN
Born June 24, 1959.
Sired by Carnation Madcap Butter Boy (EX-96) and out of Carnation Mutual Cinderella (VG) with two 4.1% records of 18028 lbs. milk and 742 lbs. fat at 2y 5m, and 17,794 lbs. milk and 731 lbs. fat at 4y 8m, 2X.

CARNATION SALLY PRIDE WALKER
Born Sept. 21, 1959.
Sired by "Butter Boy" and out of a VG dam with 14941 lbs. of 3.8% milk, 575 lbs. fat at 2y 5m, a daughter of Hallrose Hazel Pride (EX).

SHE SELLS!

"As great a prospect as I have seen anywhere!" C. B. Smith

CARNATION SALLY DA ORMS STAR
Born July 7, 1958
A daughter of the 96-Excellent "Butter Boy" that is due September 28 to Carnation Royal Master — just right for the Senior yearling classes on the state fair circuit. Her dam is "Very Good" with a top 2X record of 605 lbs. fat, 13,414 lbs. of 4.5% milk. SHE'LL BE ONE TO BEAT THIS FALL!

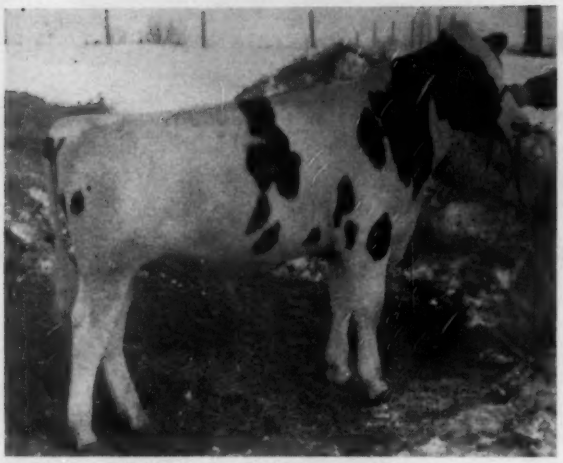
CARNATION MADCAP BUTTER BOY (EX-96)
Sire 1959 Res. All-American Get.

Write for catalog today.

C. B. Smith SALE MANAGER AUCTIONEER **Williamston, Mich.**

The 7 Promising Young Bulls

SELLING



1.

CRESTON ADMIRAL LAUXMONT
Born April 28, 1959
Consigned by:
Creston Farms
Comstock Park, Mich.
The son of a Gold Medal Sire from a 912-lb. VG member of a great breeding cow family.

BUDD FARM LAUXMONT MASTER
Very Good - Gold Medal
He shows a Plus 22 lbs. fat with a 22-daughter average of:
13036 M 4.27% 600 F
Proven in the Jack Budd and Joe Canby herds.

CRESTON TRIUNE GEANETTE B (VG)
6y 365d 2X 24060 3.8% 912
Now in progress:
7y 302d 2X 19372 3.6% 702
Daughter of Creston Rag Apple Triune (VG) from a 684-lb fat 3-year-old daughter of Admiral Lauxmont.

SELLING

SKOKIE DUKE REGENT

2.

SKOKIE DUKE REGENT
Born Sept. 25, 1959
Consigned by:
Elmwood Farm, Lake Forest, Ill.
His dam appears headed for over 900 lbs. of fat as a 3-year-old. Next two dams are both Gold Medal - a great transmitting family for both type and production with 4% test. For full pedigree see Elmwood adv. this issue.

SKOKIE DUKE
Popular young Elmwood junior sire by Pabst Leader Duke from Skokie Golden Joy (EX -1301 lbs fat on 2X and Nat. Champion in the 305d division with 1113 lbs. fat.)

SKOKIE X REGINA (VG-2y)
2½y 321d 2X 11668 4.5 527
Now in progress:
3½y 155d 2X 11056 514
Daughter of Skokie Golden Cross (VG-GM) from Skokie Bessie Regina (VG-GMD) with 989 fat, 4.4%. Next dam EX-GMD with 978 fat, 4.6%.

SELLING

GLENAFTON RAG APPLE CLIMAX

3.

GLENAFTON RAG APPLE CLIMAX
Born July 28, 1959
Consigned by:
Glenafton Farms, Alliston, Ont.
"He is a better individual today than Chip of Nettie and Aaggie the day I bought him!" (C. B. Smith)
His 7 nearest dams average 21713 M 4.1% 890 F.

ROSAFE SIGNET (EX)
Famed All-Canadian son of ABC Reflection Sovereign and Glenvue Nettie Jemima (EX).

GLENAFTON LAUREL BROWNIE C (VG)
10 lacts.: 165,479 3.7 6106
She has a 668-lb. F. daughter and a proven son. By Marksman from Glenafton Brownie PMP Acme (EX-4-Star Brood Cow - twice All-Canadian, 4 daughters 614 to 777 lbs. fat.)

Selling at Williamston, Mich. — April 11th

Selected for the WOLVERINE CLASSIC

4.

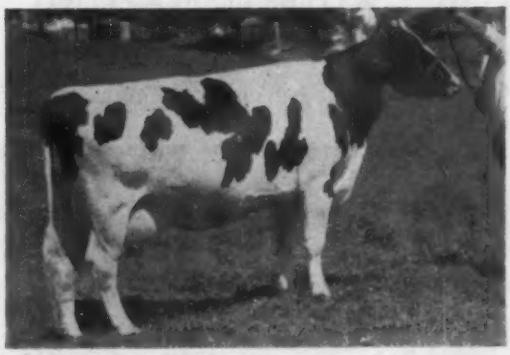
BOND HAVEN CENTURION PAL
Born May 18, 1959
Consigned by:
C. J. Cerswell
Bond Haven Farm
Beeton, Ont.
Two full sisters over 15,000 lbs. milk, 3.7 and 3.8%, as 2-year-olds. His 3 nearest dams average 21587 3.8% 820.

ROSAFE CENTURION (EX)
Son of Glenvue Nettie Jemima (EX).
His 42 2-year-old daughters average 14833 M 3.76% 557 F. Four All-Canadian progeny.

LOCUST LODGE LAVENDER LASS (GP)

4y	365d	2X	20648	4.07%	840
3y	365d	3X	18702	3.6%	770

Daughter of Remco Texal Sovereign (EX) from a 20101-lb. 3.7% daughter of Lonelm Texal Fayne.



LOCUST LODGE LAVENDER LASS
Dam of Bond Haven Centurion Pal (Bond Haven).

5.

MALE - BORN AUG. 25, 1959
Consigned by:
Pinehurst Farms
Sheboygan Falls, Wis.
He has one of the breed's most popular Gold Medal sires, and his dam is a VG 976-lb. fat blue ribbon show winner. A truly promising show prospect - and bred to transmit both type and production.

BRIGEEN GOLDEN FOREMOST (EX)
Gold Medal Proven Sire
Son of a Gold Medal Dam with a 10-year-old record of 22,375 lbs. milk and 935 lbs. fat.

PINEHURST GEM (VG)

4½y	365d	3X	28126	976
6y	365d	3X	21886	812
7y	365d	3X	20719	770

A daughter of Pabst Pilot from Pinehurst Ormsby Bonnie Gem. She was 1st 3-yr-old, Sheboygan B & W Show, 1954.

BRIGEEN GOLDEN FOREMOST (EX-GM)
Sire of the Pinehurst Farms bull calf.

6.

GRAHAVEN SUPREME MASTER
Born Sept. 25, 1959.
Consigned by:
R. D. Graham, Erin, Ont.
His 7 nearest dams average 23,211 M 4.1% 971 F.

ROSAFE SOVEREIGN SUPREME (EX)
The ABC Reflection Sovereign son used at Sheffield Farms and selected to succeed his famous sire at Rosafe Farm. His 10 classified dtrs. 100% GP or better!

GRAHAVEN REFLECTION MOLLY

4y	364d	2X	20940	4.2	879
3y	305d	2X	14575	4.4	643
2y	365d	2X	16586	4.5	749

Daughter of Roeland Reflection Sovereign out of the three times World Champion Grahaven Milestone Mona (twice over 1000 lbs. fat).

GRAHAVEN MILESTONE MONA
Maternal granddam of Grahaven Supreme Master (R. D. Graham).

6y	365d	3X	26660	4.0%	1084
5y	365d	3X	25668	4.0%	1037

Three times a World Champion.

7.

ROSE BROOK MONT PABST RAVEN
Born April 23, 1959
Consigned by:
O'Connor and Cellentani
Adrian, Mich.
A fine individual son of Pabst Raven Win from a VG dam with 613 lbs. fat, 3.9% on 2X as a 3-year-old.

PABST RAVEN WIN
Son of Weber Hazelwood Burke Raven (EX-GM) from Pabst Win Rebright (VG-861-lb. 4.1% daughter of Pabst Win-Gold Medal Sire).

BESSIE ROSE BROOK MONT (VG)

3y	365d	2X	15627	3.9	613
2y	336d	2X	12864	3.5	466

Daughter of Pabst Captain (EX), proven in the Rhine Potter herd, Wayland, Mich.

Send today for catalog with complete pedigrees and pictures.

C. B. Smith, Sale Mgr. — Williamston, Mich.

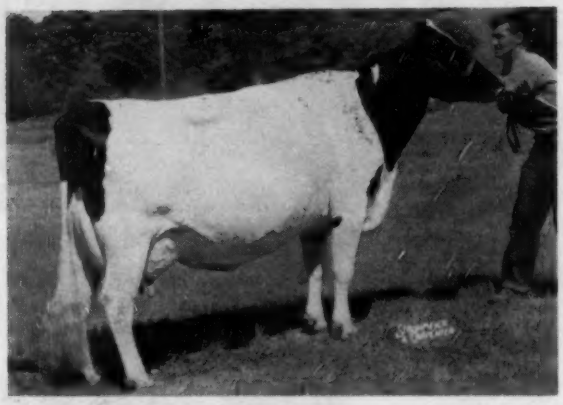
SELLING IN THE

WOLVERINE CLASSIC - APR. 11 -

(1) MAYERS LEADER FELICIA
Dtr. of WIS LEADER From An EX. 628-lb. Dam

(2) A Service Age Son of MAYERS MAJESTY DUKE From a VG 885-lb. Dam

DAM OF HEIFER SELLING



THE DAM OF THE HEIFER SELLING IS

WERN FARM MASTER FELICIA (EX-91)
(EX fore and rear udder - EX mammary)

6y	351d	20,005M	628 F.	2X-3X
5y	353d	16,870M	581 F.	2X
3y	365d	12,982M	451 F.	2X
2y	361d	12,865M	414 F.	2X

AND REMEMBER - she is sired by Wis Leader, EX-GM; she was born April 26th, 1958 and is bred just right for the fall shows to Romandale Capitaine, our son of Bond Haven R. A. Maple (sire of A.A. and Res. A.A. aged cows, '59) and out of Mahoney Babe Lochinvar with 26,321M 4.24% 1117 F. another record of 1054 F. and life of 133,058M 4.13% 5,498 F. —What a pedigree the calf this heifer is carrying will have!

DAM OF THE SERVICE AGE DUKE SON SELLING

DALE-MAR FOREMOST CINDERELLA 3553511 (VG)

5y	365d	3X	23138	3.7	885	(SA)
3y	365d	3X	20648	3.7	768	AR
2y	365d	3X	18697	3.7	667	AR

By a son of Pabst Governor (EX-GM) from a daughter of Quin-Dale Triune Harmony.

Sire of this young bull is Mayers Majesty Duke, double grandson of Creston Grand Majesty (see picture of his get below).

"Duke" daughters coming into production with the best udders we have ever had on the farm. . . . "Dark Anna" dam of "Duke" is now making her best record up to date.
25,269M 1052 F. 4.3% 1st 347ds.

GET OF CRESTON GRAND MAJESTY 1002828
All-American Get of Sire, 1958 and 1959 and Res. in 1957.

"Dark Anna," dam of "Duke" is cow farthest on right.

See p. 51 of issue of March 12 for our consignments -

(1) to the Homestead Sale, Waukesha, March 28 - our "Butter Boy" dtr. from our Excellent "Sissy."

(2) to the Watertown Anniversary sale - March 31, the "Duke" son from the 606-lb. "Majesty" dtr. and the VG 552-lb. 4-yr. old, Rock Star Glenafton Hilda.

MAYER FARMS

CLASSIFICATION AVERAGE:
85.6 Points
15 EX. - 28 VG - 37 GP - 6 G

CHRIST A. MAYER & SONS
RT. 1, SLINGER, WISCONSIN

HIR Test
Vaccinated

A Sensational Individual

A Son of Brigeen Golden Foremost From the VG-976 dtr. of Pabst Pilot Pictured Below Goes to the Wolverine Classic

He Was Born Aug. 25, 1959 — His 7 Nearest Dams Ave. 787.8 F 20,407 F

HIS SIRE

BRIGEEN GOLDEN FOREMOST (EX)
Gold Medal Sire

25 Daus. Avg.	13,738	4.16%	571
Increase	+508	+.33%	+64

28 Classified Daus. Avg. 82.8
BAA% is 104.7
Sold to Badger Breeders for $30,000.

HIS DAM

PINEHURST GEM (Very Good)

4y11m	365d	3X	28,126 M	3.5%	976 F

(1st for milk on 1956 Honor List)

6y	365d	21,886 M	812	F
7y	365d	20,719 M	770	F
3½y	365d	16,653 M	611.1	F
2y	365d	16,773 M	600.4	F

She was first prize 3-year-old at the 1954 Sheboygan B & W Show. Her dam has a 2X record of 745.8 F. in 318ds and 3 other records over 600 F. and 2X.

PINEHURST FARMS
SHEBOYGAN FALLS, WIS.

The WOLVERINE CLASSIC

Centurions & Signets from GLENAFTON BOND HAVEN LODESTAR

Left: A line of Rosafe Centurion daughters at Bond Haven Farm, Beeton, Ont. This son of the great Glenvue Nettie Jemima cow has done a most remarkable job here - note the legs, udders, uniformity!

From GLENAFTON - - -

GLENAFTON NETTIE ABBEKERK

Born June 27, 1955

2y	354d	2X	15359	3.76%	578
3y	228d	2X	13259	3.9%	*

(* to date)

Sire: Rosafe Centurion (EX)

Dam: Glenafton Holly Abbekerk, 914-lb. fat 4.3% daughter of Rag Apple Talisman out of Montvic Hiemke Abbekerk (VG) with 28819 lbs. milk and 1008 lbs. fat at 6y, 3X.

Due in June to Rosafe Signet (EX). This calf will be full brother or sister to the great calf pictured at right.

—Glenafton Farm, Alliston, Ont.

Full Sister to the Calf Carried Now by "Nettie Abbekerk"

GLENAFTON SYMBOL N ABBEKERK
This is the March, 1959 calf by Signet from Glenafton Nettie Abbekerk, the Centurion daughter consigned by Glenafton Farm. She is full sister to the calf she is now carrying. Isn't she nice?

From BOND HAVEN - - -

BOND HAVEN CENTURION MONA

Born Sept. 14, 1956

2y	365d	2X	15379	3.85%	592.8

Sire: Rosafe Centurion (EX)

Dam: Bond Haven R A Mona (VG)

6y	365d	2X	22288	3.97%	884

Three others from 607 to 711 lbs.

One of the great brood cow families of the Bond Haven herd - and a daughter of Montvic Rag Apple Marksman (EX-Extra).

Bred July 31, 1959 to Roybrook Revelation, Res. All-Canadian bull in 1957 and 1958.

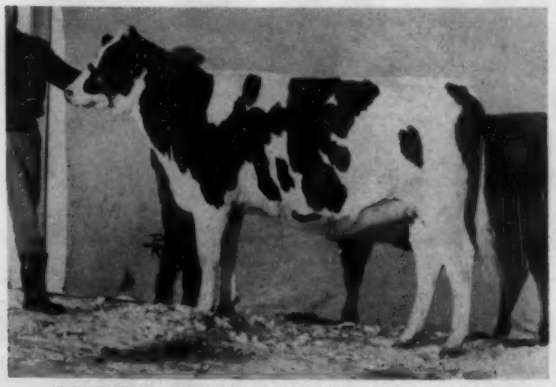
— C. J. Cerswell, Beeton, Ont.

From LODESTAR - - -

HER SERVICE SIRE

ROSAFE CENTURION (EX)
Famed son of Glenvue Nettie Jemima (EX), All-Canadian 5-Star Brood Cow. A son and daughter consigned by Bond Haven. Service sire to the Glenafton and Lodestar entries.

THIS "SIGNET" DAUGHTER SELLS



LODESTAR SYMBOL PRINCESS AXIE 1407824
Born March 17, 1958
Sire: Rosafe Signet (EX)
Dam: Lodestar Princess Axie, with four 4% records from 446 to 615 lbs. fat on 2X. Due in May to Rosafe Centurion (EX). **—James A. McCague, Alliston, Ont.**

Monday, April 11 — Williamston, Mich.

From ELMWOOD - - -

"Duke" Daughter of "Famous Vickery"

SKOKIE FAMOUS DUCHESS 4291086
Born Oct. 29, 1956.
2-4 365d 21,300 M 3.4% 685 F (SA)
Sire: Pabst Leader Duke
Dam: Pond Gate Famous Vickery (VG-Gold Medal Dam) with 19257 lbs. of 4.6% milk, 879 lbs. fat.
Maternal sister: Skokie Golden Vickery (VG-2y) with 22,117 lbs. of 4.8% milk, 1053 lbs. fat at 4½y, she the dam of Skokie Willowdale Vickery (VG), the 1957 All-American 2-year-old with 823 lbs. fat, 4.1% at 2½y. One of Elmwood's top female families! Bred July 17, 1959 to Skokie Glamour Boy.

— HER DAM —

POND GATE FAMOUS VICKERY
VG - Gold Medal Dam
4½y 365d 2X 19257 4.6 879
She heads Elmwood's famous "Vickery" family. An older daughter has 1053 lbs. fat and was dam of the 1957 All-American 2-year-old.

From FREELE BROS. - - -

"A sensational 2-year-old prospect, by Fond Hope and from a 4-times 600-lb. dam on 2X milking." —C. B. Smith

THAMESVIEW TATTERS JULIETTE 1377630
Born Sept. 11, 1957
She was 3rd prize senior heifer calf at the London Championship Show, 1958. Her Excellent sire was three times All-Canadian and sire of many All-Canadians. Her dam, Montview Tatters Rag Apple is a VG 3-Star Brood Cow with four 2X records from 607 to 697 lbs. fat. Bred Aug. 16 to Grand Rang Rag Apple Franco (VG). **—Freele Bros., Thamesford, Ont.**

— HER SIRE —

SPRING FARM FOND HOPE (EX)
All-Canadian 1949-50-51.
4 times member All-Can Produce. 3 times sire Res. All-Can. Get. Daughters to 966 lbs. on 2X.

From CRESTON FARMS - - -

CRESTON MISS ABBEKERK 4576345 - Born March 3, 1958. Sired by Budd Farm Master Ace (EX-Silver Medal Type), sold to MABC for $40,000, maternal brother to the famed 1487-lb. fat "Donna" cow of Jack Budd's. Her dam is Creston L. S. Victoria (GP) with 17350 lbs. milk and 635 fat at 3y (SA), she by Creston Lucky Strike (GM) and from Franlo Chieftain Victoria. Due in July to her paternal grandsire, Budd Farm Lauxmont Master (VG-GM). **—Creston Farms, Comstock Park, Mich.**

SHE SELLS →

CRESTON MISS ABBEKERK 4576345
Sired by the $40,000 Budd Farm Master Ace (EX) and out of the Creston Lucky Strike (GM) daughter of Franlo Chieftain Victoria (VG-89), one of the greatest transmitting members of the famed "Abbekerk" family of Mount Victoria. Due in July to Budd Farm Lauxmont Master (VG-GM), her own paternal grandsire.

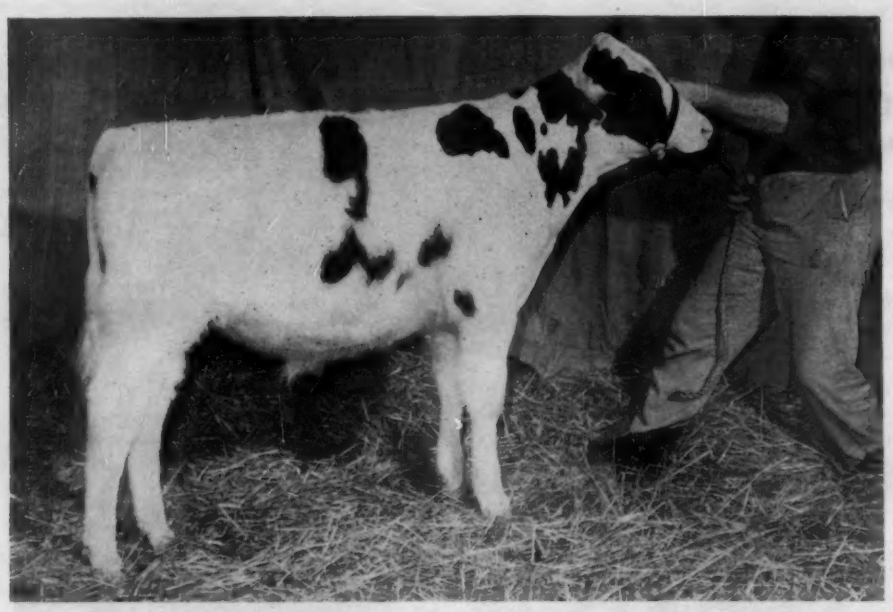
From ARCHIE MEEK - - -

LYON BROOK T N ROSA — A daughter of Budd Farm Top Notch (VG) from a GP-84 Lyon Brook Wallie Queen (EX-SMT) daughter with 3-2 305d 14451 M 3.8% 556 F. She is 100% sister to the first Top Notch fresh who has out in the first 280d at 2-4 14,360 M and 600 F. Due shortly after sale to a son of an Excellent "Lucifer" daughter.
— Archie Meek, Norwich, N. Y.

HER MATERNAL GRANDDAM

FRANLO CHIEFTAIN VICTORIA (VG-89)
7½y 365d 2X 18753 4.0% 754.9
Daughter of Montvic Chieftain Abbekerk (GM), and dam of the Excellent 1112-lb. fat Franlo Aaggie Leola, famed foundation matron of the Ray Bottema herd, she the maternal granddam of Bottema's sensational new National Champion!

To The WOLVERINE CLASSIC



Glenafton Rag Apple Climax

His Many Attractive Features — —

★ Born July 28, 1959 — The right age and type for the 1960 Show Season.

★ Sired by the twice Royal Grand Champion and twice All-Canadian ROSAFE SIGNET (EX).

★ CLIMAX is out of a "VG" Marksman daughter (Laurel Brownie C) with over 175,000 lbs. milk lifetime production and safe in calf again at 15 years. She in turn is out of the "EX" 20,000-lb. milk 842-lb. fat, Glenafton Brownie.

★ Dam of CLIMAX has a $17,600 full sister and a $14,000 full brother.

★ Of CLIMAX' 6 nearest ancestors, 5 are Excellent and 1 is Very Good.

★ His 6 nearest ancestors have won no less than 15 All-Canadian Awards.

★ Both grandsires are Excellent and Extra.

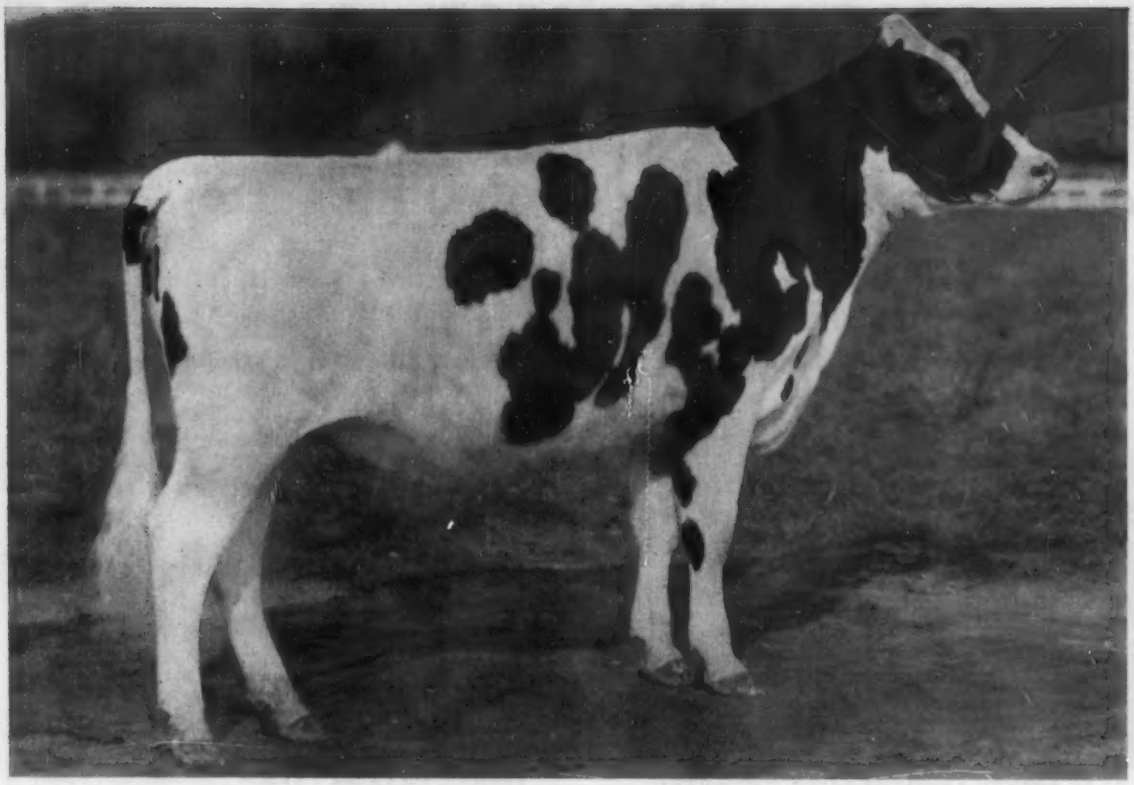
★ Best record of his 7 nearest ancestors averages 21,713 Milk, 4.10% test and 890 Fat.

Climax is a great individual with an outstanding pedigree of type and production. We highly recommend this young bull.

ALSO CONSIGNED — A Centurion daughter with a 2-yr-old record of 2X 15,359M 3.76% and 578F. She is GLENAFTON NETTIE ABBEKERK and her dam has 3 records over 21,000 lbs. milk and 880 lbs. fat. Next dam has 28,000 Milk and 1008 Fat. Due in June or early July to Rosafe Signet (EX), she is carrying quite a coupon!

GLENAFTON FARMS ACC. - CERT. - VACC. **Alliston, Ontario**

MORT BUTCHERS, Herd Supt. **J. BRIAN McCAGUE, Mgr.**



CARNATION SALLY DA ORMS STAR

This "Butter Boy" Daughter Heads Our Consignment to the Wolverine Classic

We are consigning three outstanding daughters of Butter Boy to the Wolverine Classic Sale at Williamston, Michigan, Monday, April 11, 1960. They are:

CARNATION SALLY DA ORMS STAR, (pictured above), born July 7, 1958 and due to freshen September 28, 1960 to the service of Carnation Royal Master.

Her dam is "Very Good" with 2X records up to 605 lbs. in 305 days. She is now on test on 3X with 14,004 lbs. of milk, 597 lbs. of fat in the first 185 days. Her dam is "Excellent" with "Excellent" mammary system, with a fine string of records up to 967 lbs. and now on test at 14 years 10 months with 16,487 lbs. of milk, 658 lbs. fat in the first 227 days. She is a well proven brood cow and carries the best udder of any 15-year-old cow we have ever seen. Her dam, in turn, was an "Excellent" cow and an outstanding brood cow. She is a real good one.

CARNATION SALLY CINDERELLA CIN, born June 24, 1959. A Butter Boy daughter from a "Very Good" daughter of Carnation President with a two-year-old 3X record of 18,028 lbs. of milk, 742 lbs. fat 4.1%. She has 731 lbs. on 2X as a four-year-old and two other good records.

CARNATION SALLY PRIDE WALKER, born September 21, 1959. She is a Butter Boy daughter from a "Very Good" daughter of the "Excellent" All-American Hallrose Hazel Pride with a Jr. two-year-old record of 14,941 lbs. of milk, 575 lbs. of fat 3.8%.

Pedigrees, pictures and complete information will be sent on request.

Carnation Milk Farms

CARNATION MILK FARMS

Dept. S-2

CARNATION, WASHINGTON

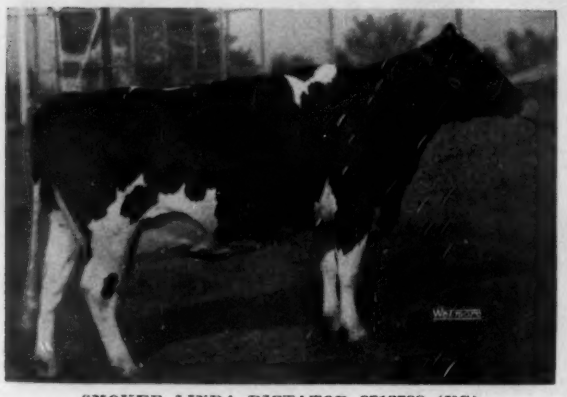
Calf Manna FED

The WOLVERINE CLASSIC

Monday, April 11 — Williamston, Mich.

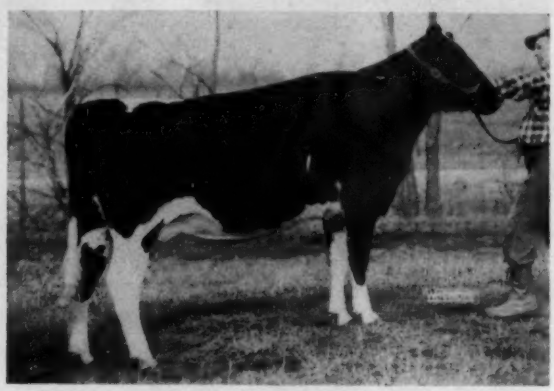
4 Daughters And A Granddaughter of Maytag Ormsby Fobes Dictator (EX-GM)

Full Sister To "EX-Lollie" Selling



SMOKER LINDA DICTATOR 3712738 (VG)
Selling. Born Jan. 14, 1953. Nominated for Jr. All-American 4-yr-old, 1957, after winning 1st in the junior and 2nd in the open class at Indiana State Fair, 3rd at International Jr. Show. Her 5-year-old record, just finished, 622 fat and 17,183 milk (SA). Due at sale time to Crescent Beauty Lieutenant.

Full Sister To "EX-Lollie" Selling



SMOKER DICTATOR LAURIE LOU 4048653 (VG-86)
(Full sister to Linda and Lollie)
Born Dec. 17, 1954. She made 181346 lbs. of 3.8% milk and 696 lbs. fat on 2X at 4y 1m. She is due in September to Jess Pabst Leader 1216957.

Another Dictator Selling

O A S DICTATOR HARMONY 4051745 (GP-83)
Born Oct. 14, 1954

2-3	365d	2X	13153 M	464 F
3-7	356d	2X	15311 M	502 F
4-9	194d	(inc.)	11336 M	366 F

Daughter of "Dictator" from Osborn Acres Eden Hallie and due in September to Jess Pabst Leader 1216957.

CULVER DICTATOR MOOIE LIZ 3914700

Born March 20, 1954. A daughter of Maytag Ormsby Fobes Dictator (EX-GM) with 2X records to 13,941M 3.8% and 527F. Her dam is Culver Mooie Eden Oris with 438F at 3 yrs. She has a solid pedigree and is due just before the sale to Clyde Hill Mara Bride Maud. — **Consigned by John A. Newman & Sons, Culver, Ind.**

The "Dictator" Granddaughter: SMOKER DICTATOR LENA 4496797

Born Feb. 10, 1957. Sired by Smoker Dictator Randy, son of Dictator and out of Smoker Princess Lily 3631933 (GP-83) with 490 at 2y, 491 at 3y and 423 at 268d of her record now in progress. A maternal brother to this heifer was first prize senior yearling at the 1956 Michigan State B & W Show. Bred May 11, to O A S Dictator Herb (will be fresh).

2 Full Sisters Sell

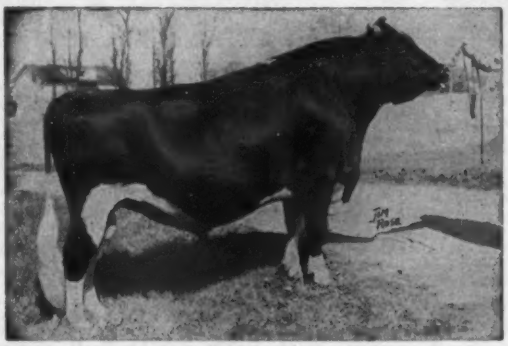
SMOKER LOLLIE DICTATOR (EX-92) Nominated for All-American 3-yr-old, 1951. Records to over 800 fat and well over 100,000. Her two full sisters, pictured, are selling. This is quite a family as their dam is "VG" with over 100,000 lifetime. This pair, Dictator Lena and Dictator Harmony are consigned by **Charles Smoker & Family, Warsaw, Ind.**

C. B. SMITH

Sale Manager and Auctioneer

Phone: Williamston 20 **Williamston, Michigan**

Two Daughters of the "Maple" Bull



BOND HAVEN RAG APPLE MAPLE (VG)
Sire of the 1959 All-American and Reserve All-American Aged Cows — and Canada's leading Honor List Sire for 1959.

Buy Them at the

WOLVERINE CLASSIC

APRIL 11th

Sisters to the 1959 All-American and Reserve All-American Aged Cows

FARIA RAG APPLE ANN 1372944

Born Oct. 13, 1957

She is from Gordons Rag Apple Gail with 2X records from 471 to 535 lbs. fat and up to 14,637 lbs. milk at 2, 3 and 4 years. Bred Nov. 1, 1959 to Romandale Reflection Marquis (VG), 1959 All-Canadian 2-year-old.

ROYALANE MAPLE ROCKETTE 1399091

Born Jan. 20, 1958

Her dam is Rockwood Wayne Snow R (GP) with three 2X records in 305d from 540 to 591 and up to 16,183 lbs. milk at 4, 5 and 6y. Due in June to Rosafe Jonathan, son of ABC Shamrock Pontiac (EX-905 fat).

Eldred King — Markham, Ont.

An Own Daughter of "Dictator" to The Wolverine Classic

MAYTAG ORMSBY FOBES DICTATOR
Excellent — Gold Medal

Culver Dictator Moore Liz

Born Mar. 20, 1954

Sister to "Wimpy." She made 13,941 lbs. of 3.8% milk, 527 lbs. fat on 2X at 2y 6m. Her 3- and 4-year-old records were 12,616 and 12,265 lbs. of 3.9% milk in 292 and 285 days. A solid pedigree. Bred June 29, 1959 to Clyde Hill Mara Bride Maud, a grandson of "Fanny."

John A. Newman & Sons — Culver, Ind.

And From Our Neighbors
McINTYRE & STONEBURNER

Bremen, Indiana

A Daughter of

CRESCENT BEAUTY LIEUTENANT

Hedgeview C. B. L. Sally

Born Oct. 25, 1955

A sister to Hedgeview C B L Lou (EX), Jr. All-American 2-yr-old, 1956, now over 700 lbs. fat, 2X, 5y. "Lieutenant" is VG-SMT, and has daughters over 700 lbs., 2X, at 2y.

"SALLY" has 2- and 3-year-old records of 10,849 and 11,144 lbs. milk, 4.1 and 3.7%, 443 and 417 lbs. fat, 2X. Her dam is a 523-lb. 2X daughter of Clyde Hill Emperor Ormsby Rock (GM-GP). Just fresh and going strong.

Both vaccinated — both big strong cows with plenty of TYPE. Buy them at Williamston April 11th, where YOU set the price!

SALE CALENDAR

Mar. 26 Northampton, Mass., (Fairgrounds) Massachusetts State Sale, Managed by Baker & Langdell, Exeter, N. H.

Mar. 26 Selinsgrove, Pa., Kenneth H. Boyer Heifer Sale, Managed jointly by R. Austin Backus, Inc., Mexico, N. Y. and the Pa. Holstein Association, State College, Pa.

March 28 Waukesha, Wis., "Top of the Homesteads" Sale, Sponsored by the Homestead Club, Managed by Piper Bros., Watertown, Wis.

Mar. 29 Pennellville, N. Y., Bishop & Turk White Stake Disp., Managed by R. Austin Backus Inc., Mexico, N. Y.

Mar. 30 Urbana, Ohio, Albert Mapp Milking Herd Dispersal, Managed by Ohio Holstein-Friesian Assn., Wooster, Ohio.

Mar. 31 Piffard, N. Y., Genesee Royal Farms Complete Dispersal, Managed by Harris Wilcox, Inc., Bergen, N. Y.

Mar. 31 Watertown, Wis., Anniversary Sale, Managed by Francis Darcey & Sons, Watertown, Wis.

March 31 Hanover, Pa., Lester M. Jacobs Complete Dispersal, Managed by R. Austin Backus Inc., Mexico, N. Y.

Mar. 31 Skiatook, Okla., Y. T. Park Milking Herd and Bred Heifer Dispersal, Managed by T. Hobart McVay, Nickerson, Kansas.

Apr. 2 Houtzdale, Pa., S. R. Hansel Dispersal, Managed by R. Austin Backus, Inc., Mexico, N. Y.

April 2 Columbia, N. J. Rivercrest Farms Disp., Fred Brotherton, owner; Wm. Parr, Newton, N. J., Sale Manager.

Apr. 4 Ulen, Minn., Lawrence Sherman Dispersal, Managed by G. R. Melin-Thorp Sales Co., Box 508, Anoka, Minn.

Apr. 5-6 Auburn, N. Y., N. Y. S. Auburn Prison Farm Disp. (Cattle - Apr. 5; Machinery - Apr. 6). I. T. & C. A. Welch & Sons, Inc., Mgr., West Edmeston, N. Y.

Apr. 6 Earlville, N. Y., 366th Earlville Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

Apr. 8 Corfu, N. Y., Kornervue Farm Comp. Milking Herd Disp., Robert C. Basom, owner; Sale Managed by Harris Wilcox, Inc., Bergen, N. Y.

Apr. 9 St. Charles, Ill. Illinois State Spring Sale. Wm. H. Williams, Sale Chm.

Apr. 11 Williamston, Mich., Wolverine Classic, Managed by C. B. Smith, Williamston, Mich.

Apr. 11 Gardiner, N. Y., Bonny Brook Farm Comp. Milking Herd Disp. A. J. DiBenio, Mgr., Middletown, N. Y.

Apr. 11 Forestville, N. Y., Vincrowl Farm Comp. Disp., Estate of Vincent Crowell, Harris Wilcox, Inc., Mgr., Bergen, N. Y.

April 12-13 Cazenovia, N. Y., L. P. Dunaway Complete Dispersal, R. Austin Backus Inc., Mexico, N. Y. (Financial arrangements through E. J. Keane, Merchants National Bank, Syracuse, N. Y.) (Machinery sold on the 13th).

Apr. 14 Parsons, Kansas, Parsons State Hospital & Training Center Dispersal, State of Kansas, owner; T. Hobart McVay, Nickerson, Kansas, Sale Mgr.

April 16 Abilene, Kans. The Kansas Spring Holstein Heifer Sale. Quentin Kubin, McPherson, Kans., Chairman.

Apr. 18 Oakville, Ont. (Hays Sales Arena) Hays 2d Annual 4-H Calf Club Sale, Managed by Hays Farms Ltd., Oakville, Ont.

April 18 Cazenovia, N. Y., Little Brook Farms Annual Heifer Sale, Harold B. Lee, owner; R. Austin Backus, Inc., Mgr., Mexico, N. Y.

Apr. 18 Fountain, Minn., Donald Schultz Disp., Thorp Sales Co., Mgr., Anoka, Minn.

Apr. 20 Bristol, Va., Virginia Holstein Heifer Sale, Managed by L. J. Crowgey, Wytheville, Va.

April 21 Lancaster, Pa., 207th Garden Spot Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

Apr. 22 Doylestown, Pa., 10th Annual Southeastern Pennsylvania Breeders Heifer Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Apr. 23 Montrose, Pa., Louden Hill Farms Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Apr. 23 Williamston, Mich., Wolverine Heifer Sale and 172d Wolverine Sale, Managed by C. B. Smith, Williamston, Mich.

Apr. 25 Batavia, Wis., Gerhardt Nicholaus Herd Dispersal, Managed by W. L. Baird Co., Waukesha, Wis.

Apr. 25 Cobleskill, N. Y., (7:30 p. m.) Second Schoharie Club Spring Classic, Stanley Rickard, Auctioneer.

April 26, Coolecmee, N. Car. Leonard Gabbert Comp. Disp., managed by R. Austin Backus, Inc., Mexico, N. Y

Apr. 26 Waukesha, Wis., 46th Anniversary Sale, Managed by W. L. Baird Co., Waukesha, Wis.

Apr. 27 Plymouth, Wis., 8th Annual Sheboyban County Holstein Breeders Consignment Sale, Al Buchholz, Sec'y.

Apr. 27-28 Wooster, Ohio, Ohio State Sale.

May 2 Elkhorn, Wis., Elkhorn Classic, Managed by Piper Bros., Watertown, Wis.

May 2 Suffield, Conn. Hilltop Farms Dispersal, Charles Stroh, Owner, managed by R. Austin Backus, Inc., Mexico, N. Y.

May 3 Forest Jct., Wis., Leonard Seybold Disp., Piper Bros., Mgr., Watertown, Wis.

May 4 Earlville, N. Y., 367th Earlville Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

May 6 Tunkhannock, Pa., Northeastern Pennsylvania Breeders' Sale. Ralph M. Sands, Wyoming, Pa., Sale Chairman. R. Austin Backus, Inc., Mexico, N. Y., Sale Managers.

May 7 Boise, Idaho, Idaho State Holstein Sale.

May 7 Lakeville, Minn., Fair Acres Dispersal, M. O. and R. M. Johnson, owners; Managed by G. R. Melin, Box 508, Anoka, Minn.

May 10 Frederick, Md., (Fairgrounds) 34th Annual Frederick County Holstein-Friesian Assn. Sale, Managed by J. Homer Remsburg, Middletown, Md.

May 11 State College, Pa., Central Pennsylvania Breeders Sale (next to new dairy barns), Managed by R. Austin Backus, Inc., Mexico, N. Y.

May 12 Canandaigua, N. Y., 23d Canandaigua Sale, Managed by Harris Wilcox Inc., Bergen, N. Y.

May 14 Williamston, Mich., 173d Wolverine Sale, Managed by C. B. Smith Williamston, Mich.

May 16 Beaver Dam, Wis., Herb Zepp Dispersal, Managed by Francis Darcey & Sons, Watertown, Wis.

May 17 Watertown, Wis., Wisconsin Breeders Sale, Managed by Francis Darcy & Sons, Watertown, Wis

May 19 Lancaster, Pa., 208th Garden Spot Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

May 19 Woodstock, Ont., 11th Annual Oxford Unit Sale, Managed by Hays Farms Ltd., Oakville, Ont.

May 20 Greensburg, Pa., Southwestern Breeders Heifer Sale.

May 21 Mendville, Pa., Northwest Penna. Holstein Breeders Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

May 21 Brighton, Colo. 31st Annual Calf Sale. Sponsored by Holstein-Friesian Ass'n. of Colorado. Larry Sloan, Berthoud, Colo., Sale Chairman.

May 24 Oakville, Ont. (Hays Sales Arena) Canadian National Holstein Sale, Managed by Hays Farms Ltd., Oakville, Ont.

May 25 Oakville, Ont., Sheffield Farms Disp., managed by Hays Farms, Ltd., Oakville, Ont.

June 2 Syracuse, N. Y., Diamond Jubilee Convention Sale, Management Backus and Wilcox Organizations.

June 3 (Place and name to be announced). Dispersal of one of New York's good herds. R. Austin Backus, Inc., Mgr., Mexico, N. Y.

June 8 Earlville, N. Y. 368th Earlville Sale. R. Austin Backus, Inc., Mgr., Mexico, N. Y.

June 11 Williamston, Mich., 174th Wolverine Sale. Managed by C. B. Smith, Williamston, Mich.

July 7 Wooster, Ohio Great Lakes All-Curtiss Sale, Managed by Danny Weaver, Ashland, Ohio.

July 9 Williamston, Mich., 175th Wolverine Sale, Managed by C. B. Smith, Williamston, Mich.

July 11 New Ulm, Minn., Minnesota Classic, Managed by Piper Bros., Watertown, Wis., in cooperation with Hugo Albrecht and Reuben Schwert.

July 28 Canandaigua, N. Y., 24th Canandaigua Sale, Managed by Harris Wilcox, Inc., Bergen, N. Y.

Aug. 3 Earlville, N. Y. 369th Earlville Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

Aug. 8 Wisconsin Dells Area Promotional Sale, Managed by Francis Darcey & Sons, Watertown, Wis.

Aug. 12 Earlville, N. Y. The First Royal Rag Apple Sale. Selections by Wes Engst, Aurora, N. Y. Managed by R. Austin Backus, Inc., Mexico, N. Y.

Aug. 13 Williamston, Mich., 176th Wolverine Sale. Managed by C. B. Smith, Williamston, Mich.

Aug. 15 Sanford, Maine, Shaw's Dauntless-Dunloggin Sale. Sponsored by Harold J. Shaw; Managed by W. A. Baker, Exeter, N. H.

Aug. 29 Watertown, Wis., Piper's Artificial Classic, Managed by Piper Bros., Watertown, Wis.

Aug. 30 Madison, Wis. Dane County Fairgrounds, 9th Annual Southern Wisconsin Holstein Breeders Fall Bred Heifer Sale. Frank E. Cairns, Sale Sec'y. Gr. 17 City County Building, Madison, Wis.

Aug. 31 Earlville, N. Y. 370th Earlville Sale. Managed by R. Austin Backus Inc., Mexico, N. Y.

Sept. 10 Williamston, Mich., Michigan State Sale. Managed by C. B. Smith, Williamston, Mich.

Sept. 14 Atglen, Pa., 12th Annual Chester County Holstein Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Sept. 17 Indiana State Sale (place still to be chosen). Chas. Lamb, Greentown, Ind., Chairman Sale Committee.

Sept. 17 Morris, N. Y. (Fairgrounds), Morris NYABC Sale, Harris Wilcox, Inc., Mgr., Bergen, N. Y.

Sept. 21 Bath, N. Y. (Fairgrounds), Bath NYABC Sale, managed by Harris Wilcox, Inc., Bergen, N. Y.

Sept. 23 Carlisle, Pa., Third South-Central Pennsylvania Breeders Sale at Fairgrounds.

Sept. 24 Schaghticoke (Fairgrounds) N. Y., 10th Tri-County Club Sale. R. Austin Backus, Inc., Mgr., Mexico, N. Y.

Sept. 24 Milan, Pa., Bradford County Club Sale, managed by Harris Wilcox, Inc., Bergen, N. Y.

Sept. 25 Canandaigua, N. Y., 25th Canandaigua Sale, Managed by Harris Wilcox, Inc., Bergen, N. Y.

Sept. 27 Reading, Pa., 2d Southeastern Penna. Promotional Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Sept. 28 Sioux Falls, S. D., South Dakota Holstein Breeders State Sale.

Sept. 29 Flemington, N. J. New Jersey State Sale. R. Austin Backus, Inc., Mgr., Mexico, N. Y.

Sept. 29 Place to be announced, District V NYABC Sale, managed by Harris Wilcox, Inc., Bergen, N. Y.

Oct. 1 Rochester, Minn. (Fairgrounds) 15th Anniversary Sale Olmsted County Holstein Assn., David Schroeder, Sec'y, Rochester, Minn.

Oct. 4 Stoughton, Wis. 21st Annual Dane County 4-H & FFA Holstein Blue Ribbon Bull and Heifer Sale. Frank E. Cairns, Sale Sec'y. Gr. 17 City County Bldg., Madison, Wis.

Oct. 5 Ottawa, Ont., (Coliseum) 5th Kemptville Unit Sale, Managed by Hays Farms Ltd., Oakville, Ont.

Oct. 5 Earlville, N. Y. 371st Earlville Sale. Managed by R. Austin Backus, Inc., Mexico, N. Y.

Oct. 5 Bath, N. Y. (Fairgrounds), Allegany-Steuben Club Sale, managed by Harris Wilcox, Inc., Bergen, N. Y.

Oct. 8 Clymer, N. Y., Everett Cady Disp., managed by Harris Wilcox, Inc., Bergen, N. Y.

Oct. 8 Williamston, Mich., 177th Wolverine Sale, Managed by C. B. Smith, Williamston, Mich.

Oct. 8 Cobleskill, N. Y. 16th Schoharie County Holstein Club Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Oct. 13 Fonda, N. Y., O-H-M Holstein Club Sale, Managed by Harris Wilcox, Inc., Bergen, N. Y.

Oct. 13 Norwich, N. Y., John Proskine Complete Bred Heifer Dispersal, Managed by R. Austin Backus Inc., Mexico, N. Y.

Oct. 13 Woodstock, Ont., 4th Oxford Unit "A. I. Quality Classic," Managed by Hays Farms Ltd., Oakville, Ont.

Oct. 15 Fonda, N. Y., O-H-M Club Sale managed by Harris Wilcox, Inc., Bergen, N. Y.

Oct. 17 Oakville, Ont., (Hays Sales Arena) 18th All-Canadian Holstein Sale, Managed by Hays Farms Ltd., Oakville, Ont.

Oct. 17 Afton, N. Y., (Fairgrounds) Chenango and Delaware Club Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

Oct. 18 Oakville, Ont., (Hays Sales Arena) Central Ontario Unit Sale, Managed by Hays Farms Ltd., Oakville, Ont.

Oct. 21 Frederick, Md., (Fairgrounds) Maryland State Sale, Managed by A. Doty Remsburg, Jefferson, Md.

Oct. 25 Paris Hill, N. Y., 20th Oneida County Holstein Club Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Nov. 2 Catlett, Va. Fauquier - Prince William Holstein Club 2d Invitational Sale.

Nov. 2 Earlville, N. Y., 372nd Earlville Sale. Managed by R. Austin Backus, Inc., Mexico, N. Y.

Nov. 5 Chilton, Wis., 18th Annual Calumet "400" Sale, Calumet Co. Holstein-Friesian Assn.

Nov. 5 Williamston, Mich., 1788th Wolverine Sale. Managed by C. B. Smith, Williamston, Mich.

Nov. 10 Watertown, Wis., U. S. National Blue Ribbon Sale, Managed by Francis Darcey & Sons, Watertown, Wis.

Nov. 16 Holstein Sale of Stars, Managed by Hays Farms Ltd., Oakville, Ont.

Nov. 17 Canandaigua, N. Y., Canandaigua Classic and 26th Canandaigua Sale, Managed by Harris Wilcox, Inc., Bergen, N. Y.

Dec. 2 Canandaigua, N. Y., Peter Martens Milking Herd Disp., managed by Harris Wilcox, Inc., Bergen, N. Y.

Dec. 5 Oakville, Ont. (Hays Sales Arena) Hays 13th Anniversary Sale, Managed by Hays Farms Ltd., Oakville, Ont.

Dec. 7 Earlville, N. Y. Earlville Invitational. Managed by R. Austin Backus, Inc. Mexico, N. Y.

Dec. 8 Earlville, N. Y. 373rd Earlville Sale. Managed by R. Austin Backus, Inc., Mexico, N. Y.

Dec. 12 Williamston, Mich., Wolverine Invitational Sale, Managed by C. B. Smith, Williamston, Mich.

Dec. 15 Canandaigua, N. Y., NYABC Headliner Sale, Managed by Harris Wilcox Inc., Bergen, N. Y.

COMING EVENTS

March 26 Madelia, Minn., Annual Meeting Minnesota Holstein-Friesian Breeders Association, A. J. Lashbrook, Sec'y.

March 31 Orono, Maine, Annual Meeting Maine Holstein-Friesian Association.

Apr. 5 (not announced) Annual Meeting Rhode Island Holstein-Friesian Association.

Apr. 9 Rochester, Minn., (Mayo Clinic Auditorium) Southeast Minnesota Black & White Show, David Schroeder, Sec'y.

Apr. 9 Amherst, Mass. (Grinnell Arena, University of Massachusetts) 25th Annual Bay State Dairy Classic, presented by the Department of Dairy and Animal Science in connection with the University Open House.

May 7 Hutchinson, Kansas, Kansas All-State Black & White Show.

May 20 Hammond, La. Annual Meeting Louisiana Holstein-Friesian Assn.

May 30 Richmond, Utah, Utah Black and White Show.

May 30 - June 2 Syracuse, N. Y., Diamond Jubilee Convention Activities, The Holstein-Friesian Association of America.

June 30 Jackson, Minn., S. W. Minnesota Holstein Association Black & White Show. Clem Chase, Pipestone, Secretary.

July 7 Grayslake, Ill., (Lake County Fairgrounds) Lake County Black & White Show (Evening), Earl Moeller, Antioch, Chairman.

July 15 Plymouth, Wis. Sheboygan District Black and White Show.

July 16 Grayslake, Ill (Lake County Fairgrounds), Northern Illinois State Holstein-Friesian Show, A. C. (Whitey) Thomson, Burlington, Chairman.

July 19 Oshkosh, Wis. Fox Valley District Black and White Show.

July 21 Oshkosh, Wis. All-Wisconsin State Black & White Show.

July 29 Mason, Mich. Michigan State Black & White Show, Ingham County Holstein Club hosts.

Aug. 14 Sanford, Maine, at Shaw's Ridge Farm, Open House preceding Shaw's Dauntless-Dunloggin Sale (Aug. 15), Harold J. Shaw, Host.

Nov. 15, 16 & 17 Allentown, Pa. Pennsylvania Holstein Association, Inc. 6th Annual Convention. Headquarters—Americus Hotel.

PABST EXPORTS TO COLOMBIA

David Puyana of Bogota, Colombia, has purchased six young Registered Holsteins from Pabst Farms, Oconomowoc, Wisconsin.

The shipment included four bred heifers and two younger females. All are daughters of well-known Pabst herd sires.

In announcing the official transfer of ownership, The Holstein-Friesian Association of America reported a continuing brisk export demand for quality seed stock.

Following the pattern of recent years, this is particularly true of Latin America where interest in herd improvement is currently at record levels.

Last year, 1,059 registered Holsteins from this country were officially transferred to new owners living outside the continental United States.

Of these, 597, or nearly 57 per cent, went to Mexico, Central and South America and the Islands of the Carribean.

19061 "NEW BUYERS"

Although an estimated 120,000 farms dropped out of the dairy business last year, foundations for 19,061 new herds of registered Holstein cattle were established.

The Holstein-Friesian Association of America reports that this compares to 18,948 U. S. dairymen who purchased registered Holstein seed stock for the first time in 1958.

Although small, the gain must be considered significant in the light of the trend toward fewer and larger dairy herds.

Pennsylvania led the nation last year with 2,527 new owners of registered Holsteins. New York, a close second, had 2,455.

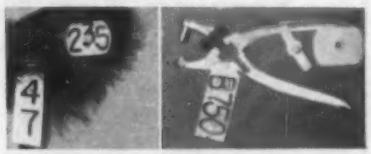
Also over the 1,000 mark were Wisconsin with 1,960, Ohio with 1,365, Minnesota with 1,025 and Michigan with 1,003.

A 13 state total of 2735 new buyers of registered Holsteins reflected the continuing upswing in commercial milk production in the Southern States.

A state-by-state breakdown of new buyers follows:

Alabama	86
Arizona	46
Arkansas	65
California	444
Colorado	120
Connecticut	157
Delaware	62
Florida	16
Georgia	119
Idaho	273
Illinois	969
Indiana	564
Iowa	727
Kansas	301
Kentucky	329
Louisiana	89
Maine	159
Maryland	407
Massachusetts	166
Michigan	1,003
Minnesota	1,025
Mississippi	107
Missouri	343
Montana	46
Nebraska	212
Nevada	16
New Hampshire	119
New Jersey	200
New Mexico	14
New York	2,455
North Carolina	247
North Dakota	162
Ohio	1,365
Oklahoma	234
Oregon	93
Pennsylvania	2,527
Rhode Island	22
South Carolina	103
South Dakota	182
Tennessee	220
Texas	242
Utah	98
Vermont	202
Virginia	333
Washington	267
West Virginia	128
Wisconsin	1,965
Wyoming	32
Total	19,061

DRINK MORE MILK



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Neck chains, tags, nylon rope sets, Complete Identification Equipment.

Write for samples and nearest dealer.

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P. O. BOX 133-S MATTOON, ILL.

The "Re-Charitys" Keep Coming !

LANGE RE-CHARITY (VG-GOLD MEDAL)
Siring wonderful udders. His 11 classified daughters (all heifers) rate as follows for Mammary System: 2 EX 7 VG 2 GP!

Type:

11 Dtrs. Avg.	85.2	(BAA%	107.5)
10 Dtrs. Avg.	85.1	(BAA%	107.4)
10 Dams Avg.	85.4	(BAA%	105.7)
Increase from Expectancy:			+4.55

Production:

13 Dtrs. Avg.	(18)	17,941	3.70%	663
13 Dams Avg.	(26)	14,879	3.70%	550
Increase:		+3062		+113

His young 2-year-old daughters are performing at the same pace of the older ones. Two recently finished are Lange Re-Charity Anna (2y 17921 M 607 F 2X); and Lange Re-Charity Lou (2y 18078 M 740 F 2X). "Lou" is due this month to Carnation Madcap Butter Boy. Please write us if you are interested in case her calf should be a bull. Also offer "Re-Charity" frozen semen - sons of "Re-Charity" - and sons of "Re-Charity" daughters sired by Wis Leader and Carnation Profile, both Gold Medal Sires.

Lange Farms

WALTER R. LANGE & SON — WATERTOWN, WIS., Rt. 1

Cert. - Acc. - AR Tested - Classified (8 EX, 24 VG, 2 GP; Avg. 87.3)

New HIR Average: 22 Lactations 17,998 M 3.6% 652 F

Phone: Lebanon 295

Serving The Holstein Industry

With a Complete Pedigree & Sale Catalog Service

Pedigree Prices . . . effective May 1, 1959

Typewritten		Duplicator - All Two-color	10	25	50	100
1 two-color original & 2 carbons						
3 gen. (6 ancestor)	$2.00	3 gen.	$3.00	$3.75	$4.75	$ 6.25
4 gen. (14 ancestor)	$3.50	4 gen.	$4.50	$5.25	$6.25	$ 7.75
5 gen. (30 ancestor)	$6.50	5 gen.	$7.50	$8.25	$9.25	$10.75

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HOLSTEINS EXCEL GUERNSEYS IN THE CONVERSION OF CAROTENE TO VITAMIN A

Since the classical studies of Palmer and Eckles at the Missouri Station in 1914, it has been recognized that under similar feeding conditions, Guernseys accumulate considerably greater quantities of carotene in their tissues than Holsteins. Conversely, more recent data have indicated that Holsteins have greater concentrations of vitamin A in their blood plasma, liver and milk than do Guernseys, suggesting that Guernseys convert carotene to vitamin A less efficiently than do Holsteins. Using as criteria either physiological changes associated with vitamin A deficiency or blood plasma and liver vitamin A concentrations, it has been estimated that to obtain a similar response to carotene intake, Guernseys require between 1.1 to 1.7 times as much carotene as Holsteins. The present study was undertaken to provide quantitative estimates of the relative efficiency of conversion of carotene to vitamin A at levels of intake sufficient to provide minimum liver storage of vitamin A.

Twelve Guernsey and 12 Holstein male calves, whose average age was 83 + 10 days and who were partially depleted of their vitamin A stores to an average plasma vitamin A level of 7.8 + 2.5 per 100 ml., were fed daily one of four levels, 30, 60, 120 or 240 of carotene from alfalfa per lb. of live weight for 12 consecutive 7-day age periods and then slaughtered. Guernseys had higher concentrations of carotenoids in plasma and liver than did Holsteins. Conversely, Holsteins had higher concentrations of vitamin A. The linear rates of change of plasma and log liver vitamin A concentrations on log carotene intake were similar between breeds but Holsteins maintained higher average levels than did Guernseys. Based on this, it was found that when utilizing plasma vitamin A as the criterion, Holsteins converted carotene to vitamin A 1.4 times more efficiently than Guernseys with 95% confidence limits between 0.8 and 2.5. The ratio for liver vitamin A was 1.8 with limits between 1.2 and 2.8 and for liver vitamin per 100 lb. of live weight 1.7 with limits between 0.8 and 4.5.

H. D. Eaton, G. S. Myers, Jr., Martha W. Dicks, B. A. Dhority, A P. Grifo, Jr., R. Teichman, C. F. Helmboldt, E. L. Jungherr and D. G. Gosslee: Conversion of Carotene from Alfalfa to Vitamin A by Guernsey and Holstein Calves.

Journal of Dairy Science, April 1959.

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The new Conde "400" Milk Transfer System saves lugging milk from the barn to the milk house, providing the answer for the stanchion type barn without a regular pipeline to the bulk tank. The unit is entirely self contained and is easily cleaned according to the manufacturer. It is sold by J. C. Marlow Milking Machine Co., Mankato, Minn.

HOWARD DISPERSAL AVERAGED $701

Bob Hastings reported by phone from Dundee, Illinois that the Howard Farm dispersal March 14th brought an average of $701 for 73 head. Buyers were present from eight states. Six head sold for $1000 to $1800. The top animal was Polly Ormsby De Kol, Honorable Mention Junior All-American senior yearling of 1958, owned by Leslie Howard, on the $1800 bid of National Director John Case, Naperville, Ill. A full report will appear in a later issue.

ELGIN COUNTY HOLSTEIN BREEDERS CLUB
Noted for Type and Production
W. D. Shore, Sales Agent
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$5.75 TATTOO MARKER
EXTRA LETTERS OR FIGURES—30c EA.
Complete with set of figures 1 to 10, bottle of ink and full instructions, all for $5.75 postpaid.

CATTLE BLANKETS
Made from quality materials, expertly tailored, all sizes. Prompt service. Write for circular and prices.

EAR TAGS
Several kinds to select from. Write for prices.

NECK CHAINS
1. Bright silvery finish chain.
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FREE CATALOG
Illustrating neck chains, ear tags, marking devices, syringes, veterinary instruments, brushes, combs, clippers, horn and hoof tools, remedies and hundreds of items for the stock raiser. —Write for it.

BREEDERS SUPPLY CO. COUNCIL BLUFFS IOWA

RUMANIANS VISIT CANADA

A group of Rumanian visitors to Canada, including Bucur Schiopu, Minister of Agriculture for Rumania, toured the office of the Holstein-Friesian Association of Canada, in Brantford, Ontario. Mr. Schiopu stated that Rumania must increase the number of her dairy cattle fourfold. They plan to buy Holstein-Friesians from Holland, England, or Canada, depending upon where they can secure the best cattle to the best advantage. They plan to buy 200 head of Canadian Holstein heifers on an experimental basis. If these turn out well they will buy more. One fact to take into consideration is that the distance of transportation adds greatly to the cost of the Canadian animals.

The visitors left the Holstein office to inspect the herds of John Malcolm, St. George, and R. F. Brown, Paris, Ont. They then went to Shaver's Poultry Farm, Galt, and to the Ontario Agricultural College, Guelph. They also visited the Oxford and District Cattle Breeding Association insemination unit at Woodstock and other leading herds in Western Ontario. — H-F Assn. of Canada

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1960 CLASSIFICATION SCHEDULE

Area	Deadline for Mailing Applications	Starting Date	Fieldman
W. Pennsylvania	Mar. 8	Apr. 12	Nichol
N. E. Ohio	Mar. 8	Apr. 12	Nichols & Moore
Colo. & S. E. Wyo.	Mar. 8	Apr. 12	Soper
N. E. Wisconsin	Apr. 5	May 10	Brace
No. Illinois	Apr. 5	May 10	Mathews
So. Kansas	Apr. 5	May 10	Harris
Massachusetts	May 10	June 14	Crissey
Del. & Md.	May 10	June 14	Krause
W. Michigan	May 10	June 14	Miller
No. New York	June 7	July 12	Baldwin & Keene
S. E. Ohio	June 7	July 12	Nichols & Moore
No. Minnesota	June 7	July 12	Diehl
N. E. Pennsylvania	July 5	Aug. 9	Nichol
W. Washington	July 5	Aug. 9	Soper
Oklahoma & Texas	July 5	Aug. 9	Harris
Eastern Michigan	Aug. 2	Sept. 6	Miller
N. W. Wisconsin	Aug. 2	Sept. 6	Brace
Central & So. Ill.	Aug. 2	Sept. 6	Mathews
Arizona & N. Mex.	Aug. 2	Sept. 6	Shortridge & Harris
S. E. New York	Sept. 6	Oct. 11	Baldwin & Keene
S. C., Ga. & Fla.	Sept. 6	Oct. 11	Cain
No. Calif., & Nevada	Sept. 6	Oct. 11	Shortridge
Conn., R. I. & N. J.	Oct. 4	Nov. 8	Crissey
Central Pa.	Oct. 4	Nov. 8	Nichol
No. & So. Dakota	Oct. 4	Nov. 8	Diehl
Oreg. & E. Wash.	Oct. 4	Nov. 8	Soper
N. W. Ohio	Nov. 1	Dec. 6	Nichols & Moore

Smiles - -

The old prospector was talking to his visitors from the East.

"There I was," he said, "the grizzly bear down in the canyon behind a tree. The only way I could hit him was to ricochet a bullet off this high canyon wall on my right. Well, I had gauged my windage, calculated the lead of the barrel and the rate of twist, the hardness of the bullet and the angle of yaw it would have after being smacked out of shape against that canyon wall, and I judged my chances were 60-40 that I would get my bear."

There was a long silence.

Then one of his listeners asked rather timidly: "Did you hit him?"

'Nope," spat out the old man. "I missed the wall."

* * *

An African tribe was having a terrible time with its food supply. The chief came up with a solution: "We'll send a telegram to the Russians telling them we are having agricultural problems and need help. They'll send us seeds and tractors and 100 young technicians. Then we'll send a telegram to the U. S. telling them what the Russians are sending. The U. S. will then send us seeds and tractors and 200 technicians. When all the technicians arrive," the chief concluded, "we'll eat them."

* * *

On an airplane flight a little boy nearly drove everyone crazy. He was running up and down the aisle when the stewardess started serving coffee and ran right into her, knocking the coffee to the floor.

As he stood watching her clean up the mess, she glanced up at the boy and said, "Look, why don't you go outside and play?"

* * *

The young lady, an enthusiastic teenager, was determined to pursue a career in art. Collecting her first primitive efforts, she displayed them prominently in the window of a local store. There her masterpieces caught the eye of a passing psychiatrist, who sought out the young tyro.

"I notice something very unusual in your work," he told the young lady. "Whenever you portray people, you paint them standing in a pool of water."

"Yes sir," agreed the girl.

"Why is that?"

"Well, if you must know," she said, "I haven't learned how to paint feet."

1959 Herd Lactation Average

64 Lact. — 16,657M. 3.8% 625F.

1958 59 LACTATIONS	16686	3.7	616
1957 64 "	16775	3.7	622
1956 66 "	16545	3.8	623
4 YEAR AVERAGE	16666	3.75	622

The Present Herd Contains

17 Over 100,000 Lbs. Milk

4 of these range from 170,000 to 195,000 combined DHIA and HIR - all 2X, all of them original Nuways.

Of the remainder, 11 are Ridgely-bred

5 are daughters of Baker Farm Dunwood Pride (GM-EX) who entered service here in 1950, and is still being used artificially (owned by Badger Breeders).

2 are daughters of Monogram Elmcroft Monarch (GM-VG) - dead, but still used artificially through frozen semen.

Of this group of 17:4 are Excellent, 11 are Very Good, 2 are Good Plus.

Figures for the 1959 Herd Lactation Average as given above, for the year ending Nov. 30th, were recently received from Brattleboro. Following the usual Ridgely policy, this average, as all averages before it, was achieved with no purposeful eliminations or exemptions—no nurse cows, no cows omitted for unsoundness or because of age.

The figures pertaining to 100,000 lb. cows are always of special interest to me, as I am firmly convinced that it is these long wearing high producers that we must strive to breed. Ridgely has had from 15 to 17 in this bracket year after year, representing about 20% of the milking herd. Some in this bracket represent the 4th straight generation over 100,000. The group includes 2 daughter-dam pairs, 3 maternal sisters, and another pair of maternal sisters. It is on such family groups I base my breeding program, coupled with the use of proven sires, or young sires of proven lines.

FRANCES LEGGETT

1 With 1174 Fat 3X
2 With 1066 & 1044 Fat 2X
14 From 750 to 917 Fat on 2X

P. Queen (EX)	7y 7m	354d	3X	32130	3.7	1174
Holly (EX)	9y 1m	365d	2X	26211	4.1	1066
Fancy (VG)	5y10m	359d	2X	29060	3.6	1044
Hiske 3d (EX)	7y 4m	365d	2X	23439	3.9	917
Supreme (VG)	4y 9m	346d	2X	21799	4.0	863
Nancy (VG-89)	4y 9m	365d	2X	19446	4.4	849
Val. Hiske (GP)	4y10m	361d	2X	21160	4.0	836
P. Muriel (VG)	5y 1m	326d	2X	22263	3.8	823
P. Sister (VG)	5y10m	352d	2X	19638	4.2	817

15 of this group of 17 are Ridgely-bred. Included are 5 daughters and 5 granddaughters of Pride, 4 daughters of Monarch.

The Herd Also Includes

30 daughters of Baker Farm Dunwood Pride (GM-E)
22 daughters of UNH Schoolmaster (GM-E)
16 daughters of Monogram Elmcroft Monarch (GM-VG)
11 daughters of Ridgely Pilot (Pride son)
10 daughters of Amcana Helbon (SMP)
9 daughters of Ridgely Phillipe (Pride son)
3 daughters of Osborndale Sir Rag Apple (GM)
2 daughters of Ridgely Best Lochinvar (GM-GP)

A Progressive Breeders Registry Herd In 1956 - 1957 - 1958 - 1959

RIDGELY Farms
STONE RIDGE, NEW YORK

RALPH H. BUSWELL — Herdsman
MRS. FRANCIS H. LEGGETT — Owner

Certified - Vaccinated - Accredited

Selling At -

Watertown, Wis. in the Anniversary Sale — Mar. 31st

A Daughter of Schutzholm Roamer Oliver "Excellent"

PABST OLIVER BONNY 4528699

Born, September 5, 1957

Her dam is Pabst Chime Burke Bonny with a 2-year-old record of 17,295 lbs. of milk, 3.7% and 634 lbs. of fat on 3X in 365 days, also qualifying for the 305-day division. She is a daughter of the Very Good Sire, Pabst Chime, whose first two daughters made 2-year-old records of 711 and 634 lbs. of fat on 3X. A third will finish shortly with over 700 lbs. of fat. "Chime" is a son of Raven from the All-American 3-year-old, Pabst Roamer Belpearl, a ¾ sister to Pabst Comet.

The second dam, Pabst Burke Sue, is an own daughter of Burke with 21,635 lbs. of milk, 3.9% and 837 lbs. of fat at 6 years. She has a full sister, Pabst Burke Bonny Sue, with a senior 3-year-old record of 21,473 lbs. of milk and 862 lbs. of fat with a test of 4.0%.

The next dam is Pabst Bonny Fobes Superb with a 2-year-old record of 602 lbs. of fat and 17,138 lbs. of milk on 3X.

— Her Sire —

SCHUTZHOLM ROAMER OLIVER (EX)
Sire: Pabst Roamer (EX-GM)
Dam: Schutzholm Cherokee Olive (EX)
3530d 149,991 M. 3.9% 5861 F.

← **Schutzholm Roamer Oliver**

"Excellent"

Sire of -

PABST OLIVER PRAIRIE

365d 2y 3X 18,751 milk 680 fat
(subject to approval)

Five other daughters now on test
Pabst Oliver Modest
Hon. Mention All-American Bull Calf, 1958.

A 7/8 brother to -

Schutzholm Dean Walker Lass "VG"

365d 6y 3X 19095 3.9% 751

★ Pabst Oliver Bonny was bred October 15, 1959 to Pabst Admiration, our son of Carnation Madcap Butter Boy from Plain View Inga "Excellent" All-American Aged Cow with three records over 1000 lbs. of fat. (See his pedigree in the March 12th World). ★

Here is an opportunity to secure one of the first animals bred to Pabst Admiration and also the first daughter of "Oliver" offered by us in public sale.

PABST FARMS INC. Acc. & Neg. **Oconomowoc, Wis.**